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Author Index

Aamby D. C., 5243
Aaronson R. P., 5794
Aavik H., 3896
Abashin V. G., 3122
Abbas H., 4815
Abbasov A. S., 2279
Abbattista F., 5403
Abd el Rehim S. S., 34, 4996
Abdel Fattah A. F., 1674
Abdel Hamid A. A., 2393
Abd El Salaam K. M., 631
Abdul Azim A. A., 884, 885, 5815
Abduraimov C. Zh., 1058
Abe K., 3342
Abe M., 695
Abe S., 695
Abe T., 713, 1595, 3514
Abe Y., 261
Abed N. M., 2174, 2175
Abidor I. G., 5927
Ablov A. V., 3415
Aboimov A. M., 1110, 2075
Abood L. G., 5457
Abou Romia M. M., 317
Abraham M., 868
Abraitis V., 5179
Abramov A. A., 1251
Abramova L. A., 2424
Abramova T. V., 1020, 3244
Abramova V. V., 2504
Abramowitz A., 5705
Abramyan Zh. G., 4212
Abramzon A. A., 3868
Abrarov O. A., 1581
Abreu Vaz M.C.T., 1317
Abrikosov N. Kh., 5531
Abubakirov Sh. A., 4923
Acampora A., 606
Acharya R. C., 3465
Acharyak G. S., 1249
Acharyulu S. L. N., 4197
Achilles W., 422
Achtardjieff C., 4591
Ackman R. G., 3082
Adam J., 4066
Adam M., 3630
Adamcikova L., 308
Adamczak H., 5355
Adametzová H., 4171
Adams C. W. M., 1660
Adams R. N., 119, 250, 1122, 2727
Adamson G. L., 3607
Adamyan S. Ya., 3381
Addis J. P., 2615
Addison A. W., 5143
Adhikari C. G., 1308
Adhikari M., 1267, 1398
Adhikari S. K., 5511
Adriano D. C., 1418
Adrianov V. V., 4335
Aduja M. R., 3245
Adzic R., 4972
Afaki S., 140
Afanas'ev B. N., 2141, 3079, 4862, 4980
Afanas'ev V. N., 1435
Afanas'ev Yu. A., 1345
Afanas'eva L. M., 1570
Afanasiev V. I., 992
Afghan B. K., 3335
Agabalyants E. A., 3901
Agadzhanov M. I., 1234
Agafonov P. F., 1355
Aganiyazov K., 4233
Agar N. S., 4673
Agarwal A. P., 5889
Agarwal R. C., 5525
Agarwala V., 5558
Agasyan E. P., 297, 2126
Agasyan' P. K., 723, 728, 2318, 2505, 3156, 3536, 3537, 3545, 4281
Aggarwal B. S., 3259
Aggarwal P. K., 5094
Aggarwal S. S., 4396
Aggerbeck L., 4640
Agius I., 2247
Agladze T. R., 2055
Agoff J., 1259
Agoutin M., 371
Agranov Kh. I., 687, 3904
Agrawal M. D., 5328
Agrawal Y. K., 1309, 2373, 4139, 5261, 5673
Agterdenbos I., 2256, 2315
Aguf I. A., 4252
Agulava M. M., 651
Agullo E., 1259, 2103
Ahlberg I., 4216
Ahmad N., 1367, 3326, 5419
Ahmad S., 380
Ahmade M., 1514
Ahmed Y. Z., 5171
Ahuja H. S., 1536
Ahuja I. S., 4412
Aiduc I. H., 844
Aihara M., 1074
Aijaz Beg M., 4064, 5197
Aikazyan E. A., 1596
Airey P. L., 873, 1886
Aitken H. W., 3411
Aivazov M. I., 5542
Aizawa M., 4143
Ajayi S. O., 2115
Akazawa T., 3476
Akedo H., 2637
Akent'eva N. A., 1247
Akerlund A. C., 4327
Akhlamova L. N., 4127
Akhmedov G., 4118
Akhmedov K. S., 1325
Akhmetov T. G., 300
Akhmetov T. Z., 2102
Akhmetzyanov R. A., 3928
Akhtyrskii V. G., 4386
Aki O., 5163
Akimenko V. B., 2469
Akimov A. G., 889, 5964
Akimova T. G., 745
Akimova Z. I., 5562
Akinchan N. T., 3284, 4268
Akiyama J., 2906
Akolsina L. D., 2515
Akoppyan G. D., 1188
Akopyan E. M., 4477
Akopyan R. M., 1188
Aksaranan C., 4204
Alabyshev A. F., 5395
Aladjem A., 2462
Alam S., 2282
Alaune Z. B., 696
Albaya H. C., 2827, 4813
Albella J. M., 636
Albers R. W., 3469
Albert Kh., 993
Al'bota L. A., 4341
Albrecht W., 1837
Albuquerque E. X., 3368
Alcacer L., 5507
Alcock C. B., 1790, 2309
Aldaz A., 284, 2072, 4850
Aldonyasov V. I., 1603
Aldous K. M., 991

Aldrovandi A., 1015
Alekhina G. P., 3886
Alekhina T. F., 368
Alekperov A. I., 4513
Aleksakhina N. V., 1709
Aleksandreva D. P., 843
Aleksandrov V. V., 412, 687, 1275, 1408, 1409, 1449, 2258, 2259, 2331, 4137, 5229, 5383
Aleksandrova A. M., 1414, 4297
Aleksandrova E. F., 5443
Aleksandrova M. L., 2185
Aleksandrova V. N., 5212
Alekseenko V. A., 401
Alekseev O. L., 748
Alekseev V. N., 808, 1747, 2704
Alekseev Yu. V., 56, 58
Alekseeva D. P., 4589
Alekseeva I. I., 3161
Alekseeva L. V., 646
Alekseeva M. V., 2548
Alekseeva T. A., 5155
Alekseeva T. E., 2233, 2332
Aleman I., 5056
Alesina I. G., 4397
Alexander P. W., 3367
Alferov E. A., 3191
Alfimov V. I., 191
Alfredo A., 1259
Alfsen A., 5761
Algladze R. I., 3979
Alikhan M. A., 3612
Alimarin I. P., 721, 2515
Alimzhanova Sh. S., 5750
Alina L., 1588
Ali Qureshi G., 2300
Alitovskii E. T., 3904
Alkaitis D., 1552
Alkire R., 940, 1945, 2810, 3846, 4846
AllaKhverdiev G. A., 4453
Allam A. I., 1387
Allan A. L., 2103
Allen A. S., 2938, 4780
Allen G. C., 3548
Allen G. F., 4448
Allen H. J., 762
Allen R. E., 167
Allenmark S., 3504
Allulli S., 5483
Almagro V., 309, 1169, 5132
Almassay R., 5449
Almeida Cardoso M. I., 5106
Almeida Neves E., 165
Al Niaimi N. S., 3201, 3302
Alonso E. J., 4189
Alouf J. E., 5813
Alovyainikov A. A., 438, 5299
Alpatova N. M., 2464, 2991, 4943
Alpert E., 3631
Alquie A. M., 2072
Alquié Redon A. M., 4850
Alsen C., 4247
Altendorf K., 3369
Altinata A., 1400
Altstetter C., 1381
Alumaa A. R., 813, 5824
Alwair K., 258
Amaldi P., 785
Amaya T., 478
Ambrose J., 134, 848
Ameria R. L., 2253
Amin M., 4857
Amin M. I., 5524
Aminova G. Kh., 5166
Aminova R. M., 322
Amirkhanova F. A., 325, 4033, 4034
Ammann D., 1906, 3931, 5233
Ammar E. A., 1073, 4754
Ammar F., 30, 249, 2082
Ammar I. A., 1073, 4754, 4897, 4944, 5836
Amosse J., 5842
Ampaya J. P., 5573
Am Saadi B. M., 3201, 3202
An T. T., 3338, 3458
Ananthakrishnam R., 4673
Anayama M., 5754
Andamasov R. S., 4373
Andary T. J., 5684
Andersen T. N., 5918
Anderson L. B., 5591
Anderson W. F., 1632
Anderson W. J., 49, 2385, 3414
Andrade J. D., 2227
Andree J., 5170
Andreev A. A., 2141
Andreev A. D., 1950
Andreev I. N., 4891
Andreev V. N., 2707
Andreev V. S., 1001, 4922
Andreeva G. P., 1838
Andreeva L. P., 1518
Andreeva L. R., 593
Andreeva O. S., 4974
Andrei C., 4311
Andrew S. P. S., 934
Andrews J. R., 5764
Andrianov A. M., 2277, 4230, 5313
Andrieux C. P., 253
Andriyanov V. K., 5466
Andro P., 5614
Andrushchenko V. N., 1843
Andruzzi R., 355, 4008
Andrychuk D., 5245
Andryushchenko F. K., 2974, 5890
Anfält T., 1288, 2836, 2890, 5324
Anfinogenov A. I., 5277
Angeletti P. U., 3643
Angelici R. J., 5265, 5266
Angelis K., 1029
Angell C. A., 628, 1519, 4449
Angerstein Kozlowska H., 226, 1096, 2784, 2792
Anghel D., 662
Aniskova L. V., 235, 2492
Annenkov H. A., 1666
Anokhina G. F., 4270
Anson F. C., 63, 165, 797, 806, 822, 2987, 5042
Antikainen P. J., 2272, 2367
Antip'eva V. A., 2017, 3823
Antipina V. A., 5404
Antonchenko R. V., 3770
Antonenko P. A., 2754, 2755
Antonetti G., 101, 2303, 3300, 5303
Antonini J., 2626
Antonov P. G., 1529
Antonov S. P., 2956, 5896
Antonov V. F., 4362
Antonovskii V. L., 2044
Antoshin E. V., 886
Antropov L. I., 70, 3043, 3867, 5586
Antsiferov A. A., 5104
Antunes Madeira M. C., 1658
Anufrieva L. P., 4347
Anufrieva V. N., 4284
Anzenbacher P., 316, 2155
Aoki M., 5347
Aoyagi H., 5675
Aoyagi J., 3453
Aoyagui S., 121, 1175, 4055, 4768
Aoyama F., 4564
Aozi T., 286
Apazidi A. I., 1325
Apelblat A., 4431
Aplincourt M., 5414
Apostolescu M., 1431, 4437
Appleby A. J., 26, 3816
Apte K. P., 3251
Aragon P. J., 1021
Arai G., 348, 2177
Arai K., 3581
Arakawa T., 1676
Arakelyan N. M., 1594, 1596
Arakelyan R. A., 1926, 2724, 3730
Araki S., 140, 171, 204
Aramaki K., 2782, 2977, 2978
Aravamudan G., 3245
Arbuzov A. E., 2720
Archdale G., 183, 879
Arden J. W., 4503
Aref'eva M. M., 1325
Arfin S. M., 4694
Argova T. B., 1187

Arias J. J., 3331
Ariel M., 2011, 4011, 4987, 5920
Arifuku F., 3016
Arikado T., 5670
Arishima T., 439
Arita S., 2486
Arkangel'skaya Z. P., 4803
Arman Z., 4497
Armand J., 2083
Armatis P., 154
Armstrong R. D., 936, 1796, 1932, 1933, 1936, 3768, 4888, 5506
Armyanova L. I., 1427, 1428
Arnac M., 310
Arnason A., 1708
Arndt R., 4680
Arredondo M. C., 1036, 2132
Arribas Jimeno S., 3243
Arsov J., 3870
Artamonov B. P., 976, 5502
Artamonov V. P., 2931
Artemova L. M., 1032, 1087
Artemova T. N., 2214, 4117, 4121
Artym M. I., 5448
Arulanadan K., 5877
Arutyunyan A. V., 4471
Arvia A.-J., 16, 188, 846, 1804, 2988, 3931, 3948, 3949, 3995, 4467, 5902
Arvidson S., 1720
Aryupina K. A., 1584
Asadullin M. G., 5809
Asahara T., 712
Asahi Y., 5163
Asakura S., 5885
Asano S., 2543
Asaoka H., 305
Asaua S., 5953
Asensi P., 101
Asghar M., 545
Ashby P., 5771
Ashivtsev A. D., 3883
Ashok Kumar, 5126
Ashpur V. V., 2019
Askarov M. A., 567, 2169, 3109
Asplund J., 3829
Assaf S. A., 3688
Asso L., 2276
Astheimer L., 3318
Astruc A., 4786
Astruc M., 33, 269, 4786
Atanasiu I. A., 4267
Atanasov N. A., 2651
Atanasyants A. G., 2005
Atavin A. S., 1462
Ateya B. G., 1818, 3953
Athavale S. V., 4197
Atkinson G. F., 4930
Atkinson H. J., 4916
Atrashkevich V. V., 3534
Atrevi M., 2360
Attardi G., 2555
Attia M. E., 4029
Atuma S. S., 2088
Auborn J. J., 1834, 3785
August J. T., 2589
Augustin M., 3006
Aull J. L., 5799
Ausländer W., 4789
Austin L. G., 1818, 2862, 3953
Avdeev V. P., 3408
Avedikian L., 5228
Averbakh E. M., 5604
Averbukh M. E., 4509, 4510
Aver'yanov A. A., 1952
Avgustinik A. I., 3437
Avice J. C., 1719
Avilova G. I., 4862
Avital S., 4938
Aviv H., 5756
Avota L. Ya., 367
Avraamides I., 5593
Avramović B. D., 393
Avrutskaya I. A., 719, 1195, 2165, 3515, 4551
Awdeh Z. L., 3693
Ayabe Y., 5099, 5822
Ayano T., 611
Aylward G. H., 2984
Ayrault-Jarrier M., 3628
Ayuyan G. A., 4817
Azhaparidze D. I., 3721
Azhitskii G. Yu., 4653
Aziz Khan A., 3046, 5197
Azoulay D., 4431
Azuarev Alduan J., 3193
Azzam A. M., 4996
Azzerri N., 1015
Azzi A., 2378

Baba H., 713, 1595, 3514
Babei Yu. I., 978, 3902
Babenko A. S., 3191
Babievskii K. K., 719, 1195, 4551
Babkin G. N., 3916, 3986, 4531, 5037
Babot D., 3441, 3442
Babushkin V. I., 1849
Bach D., 1232
Bach-Dragutinović B., 463
Bachlaus M. K., 3192
Bachrach H. L., 5714
Back S., 430
Bacon F. T., 4797
Baczyk S., 558
Badachhape R. B., 1360
Badakshanov R. M., 1613, 3928
Baddi T. N., 4794
Baden H. P., 3649
Badenikov V. Ya., 3905, 4354
Báder I., 2418, 3417
Baetzold R. C., 4406
Baev A. V., 3983, 4830
Baeva O. M., 3538
Baeva T. V., 4830
Bagaev S. I., 659
Bagal M. L., 565
Bagdasarian A., 3710
Bagdasarov K. N., 4067
Bagnis R., 2581
Bagnoli G., 3661
Bagotskaya I., 124, 2694, 3857, 3858, 4946, 4947
Bagotskii V. S., 85, 86, 126, 198, 802, 809, 1022, 1023, 1024, 1064, 1943, 1975, 1976, 2018, 2688, 2774, 2921, 2960, 3716, 4718, 4865, 4866, 4951, 5012, 5057, 5826, 5927
Bagreeva M. R., 3129
Bagshaw J. C., 4602
Baibatyrov E. N., 791, 4952, 4953
Baiborodov P. P., 1058
Baikov A. A., 2449
Baikova L. A., 5157
Bailey C. J., 4611
Bailey J. E., 5364, 5391
Bailey P. L., 1424
Bailey R. C., 3875
Bairachnyi B. I., 2974
Baisre F., 4936
Baiulescu C., 4107
Baizer M. M., 3518
Baizoldanov T., 2530
Bak A. F., 5579
Bakalova L. M., 1399
Bakanov V. I., 2017, 3823
Bakeev M. I., 4373
Baker A. F., 4677
Baker R., 3290
Bakhchisaraists'yan N. G., 4505
Bakholdina L. A., 976
Bakker E. P., 5459
Bakker P., 5223
Baklanova P. F., 1960
Bakovskii Yu. A., 5445
Balajka J., 3391
Balakireva V. B., 639
Balasanian I., 3980
Balasheva N. A., 2690, 2693
Balashova T. A., 5489
Balashova T. V., 5012
Balcere D., 1545
Balcombe C. I., 4240
Baldanov M. M., 2266, 5311
Baldanov Zh. P., 1911
Baldwin M. H., 975
Baldwin R. W., 3714

Balej J., 1986, 2029, 2399, 2758
Balek R. W., 2643
Balestrieri F., 3204
Baletskaya L. G., 3942
Balko E. N., 5010
Balouka I., 4523
Balthazàr-Vass K., 2396
Balyatinskaya L. N., 1339, 4218, 4284
Balybin Yu. F., 125
Bamford D. R., 2552
Banait J. S., 4388
Banchik M. E., 5734
Bandyopadhyay G. K., 1383
Bandyopadhyay P., 4045
Banerjee B. K., 4052
Banerjee S., 1704
Banerjee S. P., 3091, 5130
Banerjee S. K., 2374
Banerji S. K., 3231
Banerji S. N., 4983
Banica F. G., 271
Bannerjee N. R., 4097
Bannister J. V., 1727
Bannister W. H., 1727
Bansal K., 71, 2171, 3106, 4002, 5147, 5184
Bansal N. P., 71, 3226
Banta M. C., 828
Banwart W. L., 1293
Bar J., 5696
Barabanov V. P., 555, 577, 1460, 4873
Baraboshkin A. N., 4488
Baran A. A., 960
Baranov A. P., 85, 86, 2065, 4865, 4866
Baranova T. Ya., 4485
Baranowska I., 5336
Baranowski R., 5336
Barański A., 1093
Barash I., 2641
Barba N. A., 341, 1208
Barban S., 3620
Barbeau D. L., 2902
Barbey G., 251, 2494, 5066
Barbier M. J., 227, 1098, 5399, 5842
Barbievskii K. K., 2165
Barbouth N., 1749, 2000
Barbucci R., 5258
Barbulescu F., 1498, 1551
Barchuk V. T., 3778, 4506
Barclay D. J., 64
Bard A. J., 1095, 1111, 2073, 2448, 3012, 3019, 5873, 5874, 5875, 5887, 5906
Bardelmeyer G. H., 4459, 4461
Bardin C. W., 2611
Bardin M. B., 2985
Bardin V. V., 5320
Bardina A. A., 1119
Barea J. C., 784
Barefield E. K., 4489
Barger H. J. Jr., 2489
Baria D. N., 3001
Barica J., 4259, 5280
Baringer J. R., 5807
Bark L. S., 1153
Barker B. J., 3409
Barker G. C., 87, 874, 912, 1826, 1827, 1828, 1877, 2763, 3034, 5851
Barmashenko I. B., 2391
Barmashenko V. I., 144, 823, 1805
Barmin L. N., 4773
Barna J., 3656, 5773
Barnard E. A., 3368
Barnes D., 1190, 1191
Barnes I. L., 686
Barnett D. R., 1680
Barnikol W. K. R., 5123
Baron G., 1958
Baron J. C., 3668
Barondes S. H., 1483
Barone G., 2358
Barradas R. G., 134, 848, 1748, 2493, 4005
Barrell B. G., 789
Barreto A., 4936
Barrett J., 4104
Barry D. M., 4318, 4319
Barry R. D., 5805
Barsotti D. J., 3142
Barsbum B. N., 1353
Barsukov V. A., 5474
Barsukov V. Z., 1927, 2725, 2754, 2755, 4844
Bartak D. E., 5657
Bartels E., 747, 3380
Bartenev S. S., 5695
Bartikova O. D., 635
Bartkowicz J., 3215, 3218
Bartlett R. W., 1915
Bartocci V., 122
Barton A. F. M., 5501
Bartonicek R., 4960
Bártová M., 385
Bartušek M., 1168, 1401, 2135, 3422, 4187, 5381
Barylko B., 2631, 2653
Basch A., 1321
Bashkatov V. Z., 1898, 1899
Basil'ev Yu. B., 5829
Baskakov I. B., 5970
Basov V. D., 4369
Basov V. N., 728, 1612, 2505
Basov V. P., 647, 3424, 5540
Bassinet P., 2083
Basson S. S., 3294
Bastianon V., 3660
Basting L., 5672
Basu D. K., 5201
Batalin G. I., 486, 4166, 5248
Bates F. L., 4231
Bates J. C., 5344
Bates R. G., 3, 50, 561, 2225, 4301
Baticle A. M., 962, 1363, 2022
Batishchev A. N., 52
Batley G. E., 3065
Batmenova G. A., 1452
Batnagar R. M.. 4039, 5096
Batowski T., 2182
Batra V. K., 5705
Batrakov V. V., 2722, 4886, 5831, 5848
Battalova Yu. V., 5904
Battelle B. A. M., 2624
Battistini M., 5503
Battistuzzi R., 5520
Baturova L. P., 865
Batyaev I. M., 5326
Baucke F. G. K., 2280
Bauer D., 409
Bauer H. H., 268, 280, 911, 2138, 2983, 4024, 4526
Baugh L. M., 814, 1773, 1774
Baum G., 586, 1287
Baumann N., 2669
Baumgärtel H., 232, 233, 5070, 5660, 5908
Baumgartner E., 5730
Baurschmidt P., 1865
Bausova N. V., 528
Bautovich G. J., 2566
Bavisotto V. S., 1970
Bavrina Yu. P., 1451
Baxendale J. H., 5478
Baxter R., 1714
Bay A. S., 143
Bayanov A. P., 1345, 4242, 4243, 4245
Bayliss O. B., 1660
Bazdyreva V. G., 1426
Bazuev G. V., 637, 638
Beadle E. M., 5266
Beamish F. E., 849
Bearden A. J., 4358
Beatrice S. T., 3580
Beaumont R. E., 5536
Bebber A. V., 5530
Bebyakov A. N., 996
Becherescu D., 3418
Bechgaard K., 2998, 4547
Bech-Nielson G., 79, 3821
Beck A., 2254, 4392
Beck F., 1598, 3555, 3803
Beck M. T., 4217
Beck T. R., 1811, 1812
Becker J. Y., 5639
Beckers J. L., 4576
Beers C., 3247
Beg M. A., 4791

Begorad L., 5744
Begunov A. I., 3475
Behe W. K., 1272, 2936, 3786
Behera G. B., 3465
Behr B., 1202
Behret H von, 2791
Beileryan N. M., 1188
Beilis Yu. I., 248
Beinert H., 5450
Beisova M. P., 5215
Bek R. Yu., 2721, 3482, 4490, 5252, 5254, 5596, 5845
Beketaeva L. A., 4730
Bekturov A. B., 1290
Bekturova G. B., 1255, 2211
Belaich P., 455
Beland F. A., 4015
Bélanger A., 3914
Belcadi S., 5399
Belen'kaya S. L., 2212, 4203
Beletskaya I. P., 4080
Beley M., 2336, 5030
Beliaev A. V., 5418
Belichuk N. I., 3415
Belikov I. V., 1787
Belikov V. M., 719, 1195, 2165, 4551
Belikov V. V., 3759
Belin P., 118, 1602
Belinskaya L. S., 5629
Belitskaya T. B., 684
Bel'kova O. N., 3475
Bell L. C., 2347
Bell M. F., 55, 1933
Bell O. F., 3626
Bellamare G., 3700
Bellavance M. I., 2807
Belleau B., 1108
Bellomo A., 3893
Bellon F., 5712
Beloborodova E. A., 4166, 5248
Belokoneva N. A., 4080
Belokorovin A. I., 1960
Belousov E. A., 438, 5299
Belousova E. M., 642, 1531
Belozerova L. A., 687
Bel'skii V. E., 1442
Bem J., 3064
Ben David M., 2627, 4595
Bénard J., 1749
Bende E., 5529
Bender D. A., 2638
Beneś M. J., 599
Bengtsson S., 4692
Bennetto H. P., 2232
Bennion D. N., 2809, 2811, 2934, 3473
Benno H., 3197
Beno A., 1217, 3086
Benoit R. L., 405
Benteley K. W., 5710
Bentz A. J., 4926
Berardelli M. L., 3789
Berchiesi G., 3401
Berden J. A., 1484
Berdnikov E. A., 322
Berecz E., 2418, 3417
Berenblim V. M., 1847
Berenblit V. V., 5659
Berezhnaya T. A., 1408
Berezina S. I., 252, 319
Berg R. A., 5787
Berge H., 1139
Berger L. R., 2884
Berger M., 4939
Berger W., 353, 5160
Berglund O., 1722
Bergman I., 985
Bergmann M., 4356
Berhard H. P., 779
Beriashvili T. V., 1649
Beričk J., 737
Berka A., 3317, 4303
Berkenkotter P., 3524
Berkowitz J. M., 1789
Bernal Nievas J., 3193
Bernard C., 5614
Bernard D. J., 4746
Bernatonis J., 5088
Bernstein S. C., 5783
Berson S. A., 3642
Bert J., 4971
Berthon G., 452, 1334, 2262, 2263
Bertoglio Riolo C., 2106
Bertram R., 2024, 4772
Bertrand J., 3337, 5678
Berul S. I., 5496
Bessarabova I. M., 392
Bessard J., 210
Bessette R. R., 131
Bessman S. P., 2354
Besson J., 4939
Bessone J. B., 2827
Betso S. R., 4130
Bett J., 1575, 1739
Bevan H. L., 1379, 5825
Bewick A., 792, 1117
Beyer M., 1546
Bezakova L., 5452
Bezdèk J., 841
Bezdekova A., 2199
Bezobrazov S. V., 1355
Bezpalyi B. N., 1449
Bezuglyi V. D., 337, 368, 5155
Bezzhenov V. M., 4743
Bezzubenko A. A., 4310
Bhadani S. N., 5683
Bhadra J. K., 4045
Bhagwat W. V., 2253
Bhandari C. S., 5328
Bhat G. A., 5413
Bhatia P., 5519
Bhatia R. L., 5863
Bhatia S. K., 2166
Bhatnagar G. M., 1662
Bhattacharya A. K., 3251
Bhattacharyya K. K., 2430
Bhattacharya P. K., 440, 4308, 5263
Bhattacharyya R. G., 3439, 5546
Bhowal G., 1564
Bialowolska M., 1202
Bianchi G., 2796, 4165
Bianchin B., 2246
Bianco P., 2276
Biegler T., 2842, 3993, 3994
Bieniasz H., 3084
Biernat J., 1138
Bigelis V. M., 1581
Bignold G. J., 5900
Bilal B. A., 4894
Biletskaya I. P., 3070
Bilimovich G. N., 2515
Binder H., 2482, 2791, 3374
Binstok J., 4982
Biolchini G., 4088
Birch B. J., 3329, 4353, 5365
Bird J. M., 4226
Birke R. L., 1873, 2959, 5076
Birraux C., 398
Biryuk E. A., 4227
Biryukov N. D., 5632, 5633, 5634
Bishara S. W., 4029
Bishop E., 24, 175, 185, 725, 926, 927, 928, 1003, 1061, 1062
Bismondo A., 3277
Bismuth E., 3670
Biswas G. G., 1398
Bitsch R., 1546
Bittó A., 4217
Bixler D., 4674
Bixler J. W., 5298
Bizhanov F. B., 4923
Bizouard M., 3841
Bjarnason O. B., 1708
Bjerrum J., 464
Bjerrum N. J., 5241
Black L. M., 2681
Blagoveshchenskaya I. N., 791
Blais M. J., 2263
Blanc B., 2834, 3347
Blanc F. C., 1479
Blank M., 1232, 2412
Blaser R., 1865
Blasius E., 1624, 3563
Blass K. G., 5065
Blasse G., 4429
Blatt F. J., 5467
Blattberg B., 1655
Blayo M. C., 2506
Blazsek Bodó A., 578, 1457

Blenke H., 3592
Blijlevens M., 804, 5869
Blinn E. L., 3447
Bloemendal H., 1675
Blokh N. V., 4248
Blokhin V. V., 1407
Blokhina A. P., 860, 2020, 5884, 5963
Blokhra R. L., 4766
Bloom A. M., 3850
Bloomfield J. J., 3519
Blostein R., 5726
Bluke R. A., 5488
Blumberg P. M., 1695
Blumenthal R. N., 625, 4423
Blurton K. F., 1053
Bobb D., 4616
Bobbitt J. M., 2897, 5291
Bobreshova O. V., 3807
Bobrov V. S., 406, 922
Bobrova N. Yu., 671
Bobrovnik L. D., 4761
Bobrowska B., 4081
Bobrowski A., 4081
Bocharov V. V., 438
Bochkarev Yu. A., 1172
Bockris J. O'M., 2, 5, 1791, 1855, 1868, 2869
Bode U., 857
Boden D. P., 1270
Bodenseher H., 5773
Bodi D., 5620
Bodner R. L., 2402
Boe G., 3483
Boechko V. F., 1534
Boehm H., 3802, 5455
Boekelheide V., 4091
Boen Hie T., 3096
Boernig H., 1326
Boes N., 891
Bogacheva L. M., 4224
Bogaczek J., 3105
Bogdanov M., 3623
Bogdanova D. D., 5879
Boggess R. K., 3930
Bogomazov Yu. I., 4970
Bogomolov B. D., 5151
Bogoslovskii K. G., 2706
Boguslavskii L. I., 571, 861, 862, 869, 2439
Bohdanecky M., 2521
Boiko A. V., 2756, 2757, 5041
Boiron M., 2680
Boitard E., 2844
Boivin P., 3674
Bok L. D. C., 3294
Bokhavkin I. M., 4460
Bokić L. J., 304
Bokuchava M. A., 781
Boldin R., 4305, 4560
Boldyrev V. V., 612
Boles J. H., 1289, 2840
Bolewski K., 3346
Bolletti M., 5735
Bollmann W., 3405
Bols N. C., 1633
Bolshakova E. G., 3572
Bolzan J. A., 5851
Bombi G. G., 447, 4193
Bonastre J., 33, 269
Bond A. M., 98, 273, 1131, 1147, 2118, 2125, 3030, 3911, 3965, 3973, 3974, 5107, 5120
Bondar R. U., 1426
Bondar V. V., 2151
Bondarenko A. V., 2877
Bonfiglio C. H., 4813
Bonnemay M., 1985, 2726
Bonniol A., 3344
Bonomi A., 3763
Bonomo R. P., 1090, 4069, 5034
Bontempelli G., 212, 1557, 2087, 5047, 5337
Booman G. L., 3827, 3828
Booth R. L., 2245
Borbat V. F., 1807
Borda P., 2283
Borgaard O. K., 1127
Borgstedt H. U., 508
Boring W. C., 3944
Borishchek O. A., 1469
Boriskova Zh. L., 1414, 4297
Borisov B. A., 4806
Borisov B. M., 1388
Borisov E. V., 4103
Borisova L. V., 313, 5625
Borisova R. V., 2219
Borisova Z. U., 643, 5496
Borisowa L. M., 4305
Bork V. A., 5203
Bormann H. D., 324
Borodikhina A. I., 5252, 5254
Boronenko T. P., 4090
Borovaya N. A., 795
Borroni Grassi G., 5403
Bors G., 2511
Borshchevskii A. M., 865
Borsodi J., 2917, 2918
Borst P., 2676, 3695, 3705
Boryshkevich L. D., 1743, 4714
Bos P., 1010
Bosch Ariño F., 3323
Bose S., 5429, 5760
Bosman T., 1007
Bosset J. O., 2834, 3347
Botar A., 2512
Botea A., 1498
Boto K. G., 338, 2173, 3124, 3125
Botor J., 1524, 4385
Bottari E., 3271, 4343, 5406
Bottazzini N., 437
Bottini E., 3660
Botts J. L., 734
Bottura G., 874, 1826, 2763
Bouchilloux S., 4672
Boudarenko A. T., 4446
Boudreau R. E., 5727
Boulares L., 2083
Bourdillon C., 2865, 3861
Bourges J., 5422
Bouserie F. L. G., 2888
Bowden J. A., 3973
Bower V. E., 5667
Bowers G. N. Jr., 3237
Bowman B. H., 1680
Boxall L. G., 3129, 3925, 4191
Boychev A. P., 5247
Boyd B. H., 3172
Boyd D., 5906
Boyde T. R. C., 114
Boyer S. L., 2982
Boykin D. W. Jr., 2993
Boyle M. F., 5076
Bozhok N. K., 3775
Bozzi F., 3575
Brabec V., 1231, 4102, 5165
Bracker J., 3175
Braeuler C., 4628
Braga N. F., 2403
Braibanti A., 1307
Brainina Kh. Z., 176, 1018, 1582, 2023, 2948, 4892, 5005
Brajter K., 1143
Brahmaji Rao S., 5273
Brakke M. K., 5804
Brand J. M., 1007
Brand M. J. D., 4201, 4909
Brandt A. O., 4207
Branica M., 209, 281, 981, 1099, 2114, 3958, 5022
Branovački B. Dj., 381
Bratanov V. K., 5247
Bratland D., 3483
Brattain W. H., 668
Bratushchak A. N., 1532, 1533
Braud M., 2301
Brauer B., 1806
Brauer E., 1860
Braun H., 362, 363, 364
Braunstein H., 3242, 5302
Braunstein J., 2728, 3242, 4147, 5302
Brautigam G., 2398, 3176
Brazauskas V., 5179
Brdicka R., 771, 2616
Bréant M., 2282
Bredikhina E. P., 2260
Breeuwsma A., 2689, 5402
Breiland B., 1083
Breitenbach M., 821, 3004

Breitsis V. B., 5488
Brekke M., 2630
Bremer J. M., 1293
Brenchley P., 5713
Brendel C., 2822
Brenet J., 2336, 5030
Brennan M. P. J., 3954, 4802, 5054, 5940
Brennet P., 5882
Brelosw R., 4001, 5073
Bretschneider H., 2436, 3462
Brettle R., 5640
Breukel J. S. M. C., 4038
Brezeanu M., 617
Brĕzina F., 3430
Brĕzina M., 1026, 1029, 1065, 2038
Bricaud H., 3665
Briere G., 1212
Bright J. E., 3588
Brilevskii O. A., 4355
Brindle M. P., 4911
Brisset J. L., 4023
Britchi M., 3489
Britten J. S., 1232
Britton W. E., 3509, 3531, 4826
Britz D., 1578
Brivio R. P., 2624
Brodskii A. M., 1874
Brodskii M. S., 326
Brodsky A. M., 88
Brohult J., 3682
Broli A., 3951
Bromley P. A., 5805
Bronnikova G. V., 1237
Bronoël G., 1985, 2726
Bronstein H. R., 2728
Brook P. A., 5943, 5961
Brook R. J., 4415
Brooker S. E., 5707
Brooks M. A., 4105, 4111
Brooman E. W., 682, 2867, 4507
Brovkina I. A., 600
Brown A. P., 2909
Brown D. G., 4012
Brown J. C., 5731
Brown O. R., 180, 702, 2744, 4495, 5054
Brücher E., 4235
Bruckenstein S., 89, 250, 851, 1059, 2807, 3932, 4508, 4723, 5981
Brugner F. S., 625
Bruinink J., 4771
Bruk B. S., 2095
Brummer S. B., 1742
Brun A., 2760
Brunette J. P., 5371
Brunetti A. P., 1302
Bruni P., 4008
Bruno F., 708
Bruno P., 3385
Brunoro G., 5947
Bruns B. P., 4359
Brusilovskii P. I., 5445
Brusnitsyn A. A., 2877
Bruttel B., 3927
Bry B., 2922
Brydon G. A., 5076
Bryksin I. E., 5080, 5112
Brynza A. P., 3801, 5954
Bryuzgina L. I., 3955
Buback M., 2413
Bublitz R., 1326
Bubnov N. N., 5180
Bubnova L. A., 4282
Buchanan A. S., 273, 1165
Buchanan B. B., 3373
Buchene N. A., 5036
Büchner M., 3577, 5704
Buchneva I. M., 1271
Buchneva L. M., 3351
Buchtela K., 3559, 4586
Buck M. D., 5409
Buck R. P., 916, 1289, 1930, 2838, 2840, 4926
Bucke C., 5706
Bucklelew A. R., Jr., 3614
Buckley D. N., 5011
Budevski E., 4486
Budevsky O., 4135
Budkevich V. V., 1579
Budnik V. G., 4504
Budnikov G. K., 325, 1149, 4032, 4033, 4034, 5082, 5092, 5093, 5138
Budock G. A., 775
Budu G. V., 1315, 2261, 3227
Buffangeix D., 1200
Buffle J., 398, 827, 3305, 4291
Bugden W. G., 4167
Buhl F., 1375, 3281
Bukarinov V. I., 4980
Bukaveckas V., 816
Buketov E. A., 5401, 5249
Bukhalova G. A., 4386
Bukhman S. P., 4997, 5004
Bukovac M. J., 1481
Bukowski K., 1763
Buler P. I., 1794
Bulgakov R. G., 1069
Bul'maga K. P., 5102
Bulman G. M., 736
Bulychev A. A., 5466
Bumba J., 1610
Bungai H. R., 5363
Bunn H. F., 3636, 4667
Burdykina R. I., 2140
Burenkov D. K., 4917
Burger D. R., 3033
Burger M., 3341
Burger R. E., 4920
Burger U., 3261
Burke E. J., 442, 1302
Burke L. D., 5011
Burkov K. A., 480
Burmistrova N. P., 1492, 2394
Burnakin V. V., 683
Burns D. T., 4352
Burokas V., 1733, 2476
Burr R. G., 2267
Burroughs J. N., 2535
Burshtein R. Kh., 199, 875, 1863, 2039, 4727
Burstein G. T., 3987
Burtsev A. F., 618
Buryak N. I., 206
Burylev B. P., 1394
Busch D. H., 5591
Busch H., 1653, 2605, 3600
Busila M., 4496
Busse–Machukas V. B., 5494
Bussel R. H., 5755
Bustard T. M., 3352
Bustin D. I., 3154, 3157
Butin K. P., 4080
Butkiewicz K., 1223
Butler P., 1262, 4134
Butorov V. P., 3240
Buttress N., 5776
Butts W. C., 4767, 5613
Butusov O. B., 5527
Buyalo O. D., 3590
Buzlanova M. M., 2422
Bychkova L. V., 326
Bykhovskaya I. V., 102
Bykova M. A., 424, 1285, 2238
Bykova M. I., 5629
Bylym P. A., 4126
Bystrova O. N., 646
Byunov K. A., 584
Bziava R. M., 781

Cachaza J. M., 457
Cachet C., 1746
Cachet H., 1746
Cadle S. H., 2927, 3932, 4723, 5692
Caflisch C. R., 1485
Cahan B. D., 4972
Caille J. P., 3186
Caket M., 737
Calandra A. J., 16, 2988, 3931, 3995, 4467
Caligara F., 3996
Callewaert D. M., 5782
Calusaru A., 270, 271, 1100, 1183, 4078, 4840
Calvo A., 535
Cammarota G. P., 972, 1082
Campanella L., 370, 2715, 2969, 3140
Campbell A. N., 634, 1541
Campbell B. H., 3834, 4319

Campbell G. M., 454
Campbell J. A., 4550
Campbell J. F., 3042
Campbell P. N., 5771
Campbell R. E., 3492
Canagaratna S. G., 964
Cann J. R., 944
Canoo C., 4748
Canterford D. R., 273, 1165, 2878, 3085, 5124
Canterford J. H., 3911
Cantwell F. F., 4334, 5213
Cantz M., 3617
Capitan F., 4189
Capobianco G., 1220
Capon A., 1101, 1116, 3548
Caprani A., 2741
Caraco R., 5259
Carassiti V., 5947
Cardenas J., 478
Cardinali M. E., 355, 1222
Cardini C. E., 2663
Cardon F., 2058, 5929
Carelli I., 355, 1222
Carette J., 5567
Carey R. N., 3119
Carlson D. E., 1261
Carmack G. D., 655, 4399
Carnegie R. J. G., 3496
Carney H. H., 3080
Carney J. H., 2748
Carpéni G., 2844
Carpenter A. K., 3777
Carpenter D. O., 5579
Carpenter R. S., 3873
Carr P. W., 4130
Carrell R. W., 3626
Carter C. W., 541
Carter D. L., 2317
Carter J. H., 4698
Carter J. N., 1031
Carter R., 3664
Caruso J. A., 3409
Casadio S., 2052, 2970
Casal R., 457
Casalbore G., 3089, 3969, 3976
Casale A., 994, 3893
Casanova M. L., 2955
Casas J. S., 4418
Casassas E., 3331
Caselli M., 3733
Casey A. T., 1147, 2118, 3965, 5107, 5120
Casey E. J., 4775
Cassol A., 1406, 4289, 4422
Castagnino J. M., 4656
Castagnolo M., 5486
Casteel J. F., 5550
Castellano C. E., 188
Castilla J., 1681
Castillo Suarez J. R., 3193
Catalin Popescu I., 2941
Catsimpoolas N., 2539, 2903, 2904, 2905, 3851, 4575, 4668
Catterji D., 5312
Caulder S. M., 2778
Caullet C., 251, 376, 2494, 5066, 5071
Cauquis G., 210, 219, 241, 260, 1038, 2478, 3024, 4548
Cedergren A., 5216
Cejka J., 3648
Cejkova V., 5135
Cepurski A., 4285, 4497
Cernak J., 3141
Cerny M., 5152
Cescon P., 122
Cezner V., 2745, 5623, 5972
Chabaud B., 2478
Chachava G. N., 651
Chagelishvili V. A., 3717, 4712
Chaikin P. I., 3217, 4196
Chakravarti S., 5201, 5204, 5310
Chakravorti M. C., 3443
Chaltykyan O. A., 1188
Chalumeau Le Fulgoc M. T., 2568
Chamberland E., 1281, 2240, 5293
Chambers J. Q., 234, 3009, 4747, 5015
Chan J. C., 2308, 5290
Chan S. L., 5780
Chan T. H. C., 2643
Chan W., 2953
Chance D. A., 2003
Chand P., 429
Chand R., 1013
Chanda S. K., 1635
Chandra H., 3055
Chang C. W., 1622
Chang S., 3182, 4878
Chant R., 3045
Chantooni M. K., Jr., 1170, 3225, 3457
Chanu J., 2442, 3171
Chapel T., 4936
Chappel R. J., 4598
Chapron Y., 315, 1176
Charan Das P., 2265
Charlot G., 2800
Charman R. C., 4628
Chartier P. 5030
Charushnikova G. V., 1355
Chatterjee B. C., 3355
Chatterjee S. K., 1450, 4631
Chatterjee S. S., 1137, 4125, 4128
Chatterji D., 3253, 3282
Chaturvedi D. N., 2113
Chaturvedi U. S., 3073, 3304, 5300
Chaudhary K. A., 5204
Chaudhary R. S., 4512
Chaudhri M. A., 2305
Chaudhry S. C., 2434
Chaudhuri A. K., 5201
Chavdarova R. D., 729
Chavrier J., 130
Chawla R. S., 5274
Chayutimonkul L., 2640
Chebotareva N. V., 742, 4383
Chebotareva V. K., 4229
Chebotin V. N., 626, 830, 4133
Cheburyan I. E., 3217
Chechernikov V. I., 5527
Chekmasova S. S., 1063, 3906
Chelidze T. L., 1446
Chelidze T. R., 1979
Chemla M., 2027, 5690
Chemodanov D. I., 432
Chen C. H., 414, 2835
Chen C. S., 67
Chen F., 3790, 4393
Cheney R., 3447
Cheng K., 1322, 5287
Cheng K. L., 5287
Cheng R. F., 3712
Chen–Ming Hsu, 3348
Cheremukhin V. A., 3894
Cherepanov D. S., 151
Chereshkevich Yu. L., 1787
Cherian M. G., 1635
Cherkasov R. A., 5410
Cherkasova N. M., 2145
Cherken S., 3078
Chernikova B. N., 2143
Chernavskaya N. M., 2821
Chernavskii D. S., 2821
Chernenko V. I., 73, 1885
Chernoberezhsky Yu. M., 48, 4793
Chernokal'skii B. D., 651, 1444
Chernomorskii A. I., 4832
Chernov A. V., 1960
Chernov E. B., 4776
Chernov R. V., 2021
Chernova G. P., 4817
Chernova R. K., 3572
Chernyi V. V., 802
Chernykh C. N., 3156
Chernykh I. N., 5607
Chernykh S. I., 4280
Chernyshev V. V., 3908
Chernyshova A. Yu., 297
Chernyuk I. N., 4341
Cherry J. P., 1696, 3604, 3605
Chervina L. V., 2422
Chervoneva L. A., 3127
Chesne S., 4697
Chesnokov V. N., 5785

Chesnokova S. M., 4284
Chessmore R. B., 2923
Cheung D. S. M., 2592
Chevalet J., 318
Chevreton M., 3441, 3442
Chevrot C., 4956
Cheykin S., 3659
Chi U. P., 3503
Chiacchierini E., 3090, 3204
Chia-yu Li, 1928, 4004
Chia Li Li S. Y., 787
Chiba Y., 3615
Chi-Bom Chae, 2604
Chica S., 4496
Chickos J. S., 3519
Chidambaram M. V., 440
Chidester D. H., 979
Chigvinadze T. D., 1649
Chikhacheva T. N., 3376
Chikryzova E. G., 4065
Chilaya S. M., 2231
Chin D. T., 3874
Chindavaning S., 4664
Ching W., 3233, 3234
Chin Ok Lee, 5234
Chipanina N. N., 3436
Chirkov Yu. G., 85, 86, 875, 1942, 4860, 4865
Chi Sheng Liao, 5015
Chisholm C. U., 2466, 3496
Chistoserdov V. G., 5530
Chitnaev E. L., 1567
Chizhikov D. M., 2449, 2450
Chizhov A. V., 4744, 5835
Chizhova K. N., 5728
Chizmadzhev Yu. A., 875
Chmàtal V., 2218
Chodkowski J., 1202, 2131, 3128
Choi J. S., 2417
Choi Q. W., 1246
Chojnacka J., 3564
Chopra S. L., 4179, 5307
Chormanova E. I., 3051
Choros D., 5330
Choudhary B. K., 465, 4215
Choudhary G., 2851
Choudhury N. S., 1342, 3250
Choulis N. H., 4457
Chovnyk N. G., 2026, 4895
Chow A. Y. K., 1707
Chow K. K., 4443
Chrambach A., 772, 1005, 1626, 2627, 3617, 4595, 4596, 4597, 4655
Christensen T. B., 2653
Christenson M. A., 4164
Christenson P. G., 5236
Christia G. D., 5367
Christian G. D., 2944
Christie J. H., 25, 1895, 2007, 4849
Christine W. P., 2601
Christopulos J. A., 3786
Chruma J. L., 3518
Chrzanowska M., 3346
Chu A., 5569
Chubakova E. I., 1349
Chubar D. I., 642
Chubukova T. M., 3549
Chuchalin L. K., 1528
Chudkova I. K., 5390
Chugaev V. N., 633
Chughtai A. B., 872
Chuiko V. T., 2951
Chukreev N. Ya., 160, 5285
Chumak V. L., 658
Chumburitze T. S., 5489
Chung L. L., 4091
Chuprova A. N., 2156
Churagulov B. 1333, 2270
Churilina A. P., 2098, 2716
Churkin A. S., 2002
Churkina N. N., 2515
Chwastowska J., 2299
Ciampolini M., 4413
Ciani S., 2852
Ciantelli G., 1201
Ciavatta L., 2264
Cignini P. L., 3138, 3140
Cingolani A., 3401
Cinnéide S. O., 4340
Cinquantini A., 148
Cioica M., 5447
Ciolac S., 1853
Ciollaro G., 4735
Ciovirnache V., 3219, 3222
Cirakoglu C., 116
Cisneros F., 2626
Citis S. S., 352
Claes P., 2407, 4748
Claeys A., 2220
Clarenbach S., 1860
Clark A. G., 5778
Clark D. B., 716, 2068
Clark G. J., 5918
Clark K. G. A., 770
Clark L. C., Jr., 5187
Clark M. C., 1711
Clarke D. E., 3329, 4353, 5365
Clay A. M., 428
Clayton F. R., 186, 187, 3960, 5405
Cleaver B., 202, 418, 6071
Cleghorn H. P., 1117
Clem R. G., 91, 4556
Clément J., 2971
Clemmensen I., 2608
Clifford J. M., 2194
Clifford Toren E., Jr., 4902
Clint G. E., 2857
Clint J. H., 2857
Clover D. E., 37
Cnobloch H., 5937
Coas V., 2519
Coates A. C., 3768
Cobo O. A., 2827, 4813
Cocchieri R., 3090
Cociumian L., 1963
Coenegracht P. M. J., 99, 396, 988
Coffee C. J., 5794
Cogoni G., 3997, 5047
Cohen L. H., 2665
Cohen M., 4525, 4770
Cohen-Adad R., 3324
Cojocaru L. N., 609
Coker J. N., 1275
Colacicco G., 3614
Colaruotolo J. F., 2897, 5291
Cole K. S., 3808
Coleman A. J., 2489, 2490
Coleman J. P., 3999, 5060
Colman R. W., 3710
Colten R., 3973
Colubkov L. A., 694
Colyanitskaya I. M., 4715
Comtat M., 390
Concialini V., 1827, 1828, 3034
Condit D. O., 853
Connan R., 3390
Connor J. A., 2051, 5017
Constantinescu A., 3557
Constantinescu E., 914
Contant R., 3963, 4054
Conti U., 3224
Conway B. E., 226, 1096, 2784, 2792
Conway W. D., 5705
Cooke D., 5200
Coon M. J., 3599
Cooper J. B., 3967
Cooper W. D., 5689
Copeland E., 2841
Copeland T. R., 25, 2007
Copley A. L., 1704
Coppola E. D., 1465
Corkill J. M., 2857
Cornell D. G., 4981
Corti P., 148
Cortinez V. A., 350, 4115
Corvol P., 2611
Corwin R. F., 3224
Cosovic B., 209, 281, 1099
Cospito M., 5020
Costa Bizzarri P., 3461
Costantino L., 606
Costas L. P., 5973
Costavaras Th. Ap., 3505
Costea T., 609
Coster H. G. L., 2847, 2853
Couch D. A., 5505, 5510
Coulson W. F., 2638
Courtot-Coupez J., 1987
Couturier Y., 2111
Covello-Moro R., 3243
Cover R. E., 285, 3107
Cowell J. L., 4701
Cox J. A., 3754, 4003, 5866

Cozcolluela C., 4644
Cozzani I., 3661
Cozzari C., 3643
Craig I., 5797
Cramer W. A., 5455
Crane R. K., 5729
Cras J. A., 4435
Craven G. R., 4633
Crease A. E., 2283
Creaser E. H., 5710
Creason S. C., 74, 2867
Crespi C., 437
Criddle E. E., 2792
Crisan I., 1100
Crisan S., 5327
Crishina T. M., 709
Criss W. E., 4683
Cristini A., 4404, 4413
Crochet K. L., 587
Crockett R., 3665
Cron D., 5812
Crow D. R., 5094
Crowell R. L., 3580
Crowley J. M., 4363
Cruche F., 5433
Crucke F., 3553
Crystal R. G., 1632
Császár J., 1094
Csejtey J., 1660
Csordás L., 1019
Cubadda R., 2546
Cucco J. A., 4558
Cucheval M. A., 543
Cukman D., 2864, 3755
Cullen L. F., 4911
Culp T. W., 2576
Cumme G., 422, 1326
Cunningham G. P., 4375
Cuong N. H., 4758
Cussler E. L., 1503
Cuta F., 5221
Cutting J. A., 1638
Cuzon G., 765, 2581
Cwiklinski C., 5052, 5646
Czajkowski J., 1953, 1967, 1968
Czakis-Sulikowska D. M., 3558
Czako Nagy I., 596
Czapkiewicz J., 4295
Czerniawski M., 383
Czochralska B., 4009

Dabard R., 4784
Dabich D., 5684
Dabkowski I., 5555
Dabrowska R., 2631, 3653
Dabrowski R., 5330
Dadone A., 5688
Dagaëv V. A., 575
Daguenet M., 1884
Dahlberg J. E., 3701
Dahlen G., 2536, 3586
Dähne S., 3026
Dalgleish D. G., 1727
D'Alkaine C. V., 4758
Dallavalle F., 1307
Dallocchio M., 3665
Dal Piaz V., 1474, 1476, 3354
Dalton H., 5175
Damaskin B. B., 65, 289, 311, 795, 1761, 1767, 1924, 2696, 2712, 3033, 3857, 3858, 3859, 4710, 4744, 4862, 4886, 5835, 5837, 5848, 5849
Damberga B., 4678
Damjanovic A., 2701
Dammert W., 3803
Damokos T., 4557
Dampier F. W., 5934
Damyanov N., 3541, 3551
Damyanov S., 3551
Dana J., 3837
Dance I. G., 3990, 5038
Danèk V., 2404, 3391, 3392
Daniels M. J., 2560
Danila D., 3228
Danilin V. N., 1394
Danilina V. M., 5384
Danilkin V. I., 4974
Danilov F. I., 1764, 2729, 3732
Danilov S. N., 4348, 4458
Danilova-Dobryakova G. T., 5531
Dannappel D., 1068, 2963
Dannhauser W., 615
D'Aprano A., 4391
Darchen A., 5907
D'Arconte L., 4105
Darland W. G., 878
Darnall D. A., 3333
D'Arrigo C., 994, 3893
Dart J. W., 2062
Darwish S., 4754, 4897, 4944, 5373
Das A. K., 4142
Das P. K., 2268
Das Gupta U., 4622
Dash M. J., 2566
Da Silva J. J. R. F., 1317, 5289
Dasoyan L. A., 4471
Dasoyan M. A., 4252
Date K., 466
Dati F. A., 4617
Datskiv K. R., 1194
Datta M., 5039
Datyner A., 759
Daum P. H., 1964
Dausheva M. R., 4969
Davenport R. J., 189, 193, 194
Daver A., 2158
Davey P. J., 5771
David F., 3230
David N. J., 3290
Davidavicius E., 21
Davidek I., 345, 2164
Davidek J., 5183
Davidov C. A., 5659
Davidov Yu. P., 1623
Davidow B., 2953
Davidson R. G., 2667
Davidyuk G. E., 5517
Davies A. J., 202, 418, 607
Davies D. H., 3528
Davies G., 2338
Davies H., 5368
Davies K. M., 5344
Davies R. H., 1903
Davion N., 425
Davis A. J., 202
Davis D. G., 154, 1892, 2937, 5074
Davis J. E., 4902
Davis P. H., 2008
Davis P. J., 5737
Davison W., 2063
Davydov A. D., 2048, 2939, 2940, 3971, 5009, 5912
Davydova A. M., 3248
Davydova I. Yu., 4588, 5701
Davydovskaya Yu. A., 4100
Day M. C., 4384
De M. K., 5552
Deabikowski W., 3653
De Angelis G., 370, 3138, 3140, 3204
De Armond K., 5043
De Battisti A., 1768
De Brabander H. F., 5415
Dechary J. M., 3604
De Clercq H., 5451
De Corte F., 1240
Dedek V., 3511
Dee L. A., 5343
Dee S. P., 4048
Deeva Z. M., 3645
De Felice L. J., 4831
De Ferrari F., 1697
De Galan L., 2101
Degteva G. K., 1962
Degtyareva T. A., 2156, 3040
Deguki Y., 2172
De Haan A., 2242
Dehn W. R., 3899
Deinum J., 3363
De Jaeger R., 5534
De la Fuente B., 2103
Del Castillo J., 747
De Lepinay J., 227
Delgado A., 846
De Ligny C. L., 403, 1266, 3843
Delimarsky Yu. K., 151, 152, 913, 1045, 2021, 4469, 4493

De Lisi R., 2411, 5549
Della Casa C., 3461
Della Monica M., 3385
Dellien I., 4239, 4244
Delmastro J. R., 3827, 3828
Delmotte M., 2442
Delpuech J. J., 2246
Del Rey F., 33, 269
Demakhin A. G., 3408
De Maria P., 2366
Dembrovskii M. A., 222
Demchenko L. V., 5865
Demchishin V. P., 2196
Demichowicz Pijoniowa J., 2414
Demidov A. I., 413, 2235
Demkin A. M., 313
De Moran J. A., 3426
Demortier A., 3019
De Moss R. D., 4701
Dem'yanovskii O. B., 1956
Denaro A. R., 1599
Denat A., 2080
Den Boef G., 2160, 2952, 3155, 3544
Denessen H. J. M., 403, 3843
Denev D. G., 5247
Denis M., 1900
Denishchenko V. Ya., 5494
Denisov G. N., 2698
Denisov Yu. N., 5518
Denisova N. D., 646
Denisova T. S., 1203
Denisovich L. I., 3059, 3060, 3061
Denner W. H. B., 1710
Denning K. F., 4750
Dennis D., 2093
Den Os M., 986
De Oliveria Meditsch J., 4246
De Palma R., 1507
De Paoli G., 4422
De Paoli M. A., 5033
De Pauli C., 1785
De Pinay J., 1098
Déportes C., 2296, 3766, 4408, 4559
Deren J., 1491, 3174, 3196, 3298
Deriglazova E. S., 5444
Der Kaloustain V. M., 3693
De Robertis A., 994, 3893
Deronzier A., 260
De Rossi M., 3789
Der Tau Chin, 5860
Dervin J., 2288
Deryagina O. G., 1821
Desai M. N., 3794
Deschreider A. R., 500
Desev G., 4604, 5742
Deshpande S. G., 1580
Desideri P. G., 2085, 2519, 5063, 5064
De Silva J. A. F., 4105, 4111
Deslouis C., 1989
Desmet G., 3308
Desnoyers J. E., 3339
Despič A. R., 162, 489, 4881, 5598
Desré P., 1341
Desreux V., 4450
Desvaux F. X., 2568
De Tacconi N. R., 16, 2988, 3995
Deusser E., 3596
Deutsch H. F., 1703
Devadasan K., 3644
Devanathan M. A. V., 5830
Devanatkhan M. A., 2452, 2786, 2797
Devaud M., 298
Dévay J., 17, 18, 34, 3798, 3877
Devi A., 1704
De Vooys D. A., 5909
Devyatov S. V., 4829
Devynck J., 4138
Dewald A., 844
Dewald R. R., 107
De Wet W. J., 1615, 2293
Dewolfs R., 5119
Dey A. K., 453
Deyl Z., 3630
Dhaneshwar M. R., 3316
Dhaneshwar R. G., 2945, 3316, 4991
D'Hont M., 3567
Diard J. P., 1918
Dias M. H. M., 5289
Diaz A., 4413
Diaz Borges J. M., 5790
Di Bernardo P., 1406, 4289
Dickerson R., 1867
Dickinson T., 1796, 4887, 5606
Didenko Z. V., 1392
Diefenthaeler K., 5123
Dieker J., 2209
Diener T. O., 3715
Dietrich P., 5149
Dietz J. F., 4986
Diev V. N., 1269, 3966, 4271
Diezel W., 1718
Digard C., 678
Diggle J. W., 2061, 5593
Dignam M. J., 3780
Dikinis V., 5098
Dilger W., 351
Dimick P. S., 4638
Dimitriev I., 1517
Dimitriev J. B., 5559
Dimitrieva E. V., 1069
Dimitrijevic B., 1243
Dimmock N. J., 2678
Din T. N., 346
Dingjan P. G., 2661
Diordik V. V., 3818
D'Iorio A., 5790
Dirkse T. P., 2723
Dirksen G. J., 4429
Dirreen G. E., 2975
Dische Z., 2557
Diskin B., 2666
Dittrich J., 5148
Diven W. F., 4694
Divis J., 4123
Divišek J., 2896
Djordjevic C., 5537
Dmitrenko N. P., 5769
Dmitriev V. N., 3964
Dmitriev Yu. S., 3738
Dmitrieva V. N., 4089, 4090
Dmitrievskaya L. I., 4090
Dneprenko K. V., 3151
Dobiáš B., 4703
Dobren'kov G. A., 5103
Dobreva Ya., 3158
Dobrevskii I. D., 5966
Dobronevskaya Z. P., 5334
Dobronravova E. K., 375
Dobrovolskis P., 1571
Dobrowolski J., 2104
Dobrynina N. A., 5531
Dodova L. I., 1432
Dodson A., 4563
Doehring W., 5123
Doerr P., 4655
Dognin J., 315, 1176
Dogonadze R. R., 11, 19
Dogson K. S., 1710
Dohke K., 3676
Doiron E. B., 1281, 2240, 5293
Dolezal J., 3047, 5152
Dolezalova L., 2275
Dolgikh P. N., 1962
Dolgopolova G. M., 136
Dolgopolskii I. M., 5659
Dolgova O. I., 1849
Dolidze D. A., 3691
Dolidze V. A., 2231
Dolzhenkova A. N., 3869
Domán J., 5680
Domanska J., 3195
Domansky R., 372
Domashnev I. A., 5542
Dombrovskii V. A., 3110
Dominguez M., 284
Domnikov L., 4501, 5270
Dompas J. M., 2312
Donaghey L. F., 5866
Donahue J. J., 4059
Donaldson G. J., 1748
Donato I. D., 4391
Doneghue H. D., 2621
Donella A., 5741
Dong F. T., 2340
Do Ngok Khue, 2122, 3069

Donners W. A. B., 5909
Donoso J., 3047
Dopico T., 3243
Dorfman Ya. A., 1429, 1445, 3279, 4168, 4258
Dorimont E., 1714
Döring C. E., 324
Dorofeenko G. N., 5166
Doronin A. N., 5318
Dorosieva V., 2895, 4447
Dorset D. L., 3809
Dorsett W. A., 2992
Dorval M., 3236
Dorzhiev D. B., 1911
Doub W. H., Jr., 5013
Doucet Y., 1283, 1803
Dougall D. K., 4676
Doughty A. G., 3975, 4992
Douglas D. L., 4420
Dousek F. P., 890, 1840
Dousset N., 3609
Doustle Blazy L., 3609
Drabikowski W., 2631, 3653
Dračka O., 3811
Dragavtseva N. A., 5632, 5633, 5634
Dragulescu C., 195, 1060, 3076, 4432
Draha Z., 4337
Dranovskaya L. M., 5146
Drapala T., 3118
Drawert F., 1647
Drazič D. M., 679, 2701, 5816, 5939
Dreiling B. J., 3637
Dreiling R., 119
Dreizen P., 2629
Drewnowska I., 1663
Drews M. J., 1113
Dreyer W. J., 5745
Dreyfus J. C., 780, 2654
Dribinskii A. V., 1863
Driker B. N., 1809
Driscoll J. N., 2316
Dritov L. A., 4743
Drobysheva I. V., 3807, 4759
Drondina R. V., 3922, 5058
Drouet A., 2639
Drozdov A. S., 1392
Drurechenskaya S. I., 5418
Drury J. S., 4492
Drury R., 5073
Druz V. A., 2785
Dryhurst G., 262, 718, 3005
Drysdale J. W., 3631, 4601, 4602
Drzeniek W., 2184
Dubernard J., 2301
Dubey K. P., 3246
Dubinin A. G., 235, 805, 1770, 3734
Dubois B., 852
Dubois G., 2669
Dubois J. E., 708, 3547
Dubois L., 4162
Dubois P., 3602
Dubonos K. I., 1529
Dubovik G. G., 2716
Dubovitskaya A. N., 2219
Dubovoi V. K., 5517
Dubrovina N. I., 2961
Ducati U., 4223
Ducet G., 1900
Duclot M., 4408
Dudakov V. G., 4382
Dudareva A. G., 5484
Dudás E., 168, 2013
Dudman N. P. B., 2642
Dudnik S. S., 4760
Duesberg P., 2679, 3697, 3703
Duibanova V. G., 1437
Duic L., 1866, 3028, 3029
Dukanovic A., 395
Duke P. D., 2913
Dukhin S. S., 942, 4351, 5703
Dulieu P., 2407
Dulov A. A., 2424
Dumortier A. G., 2191
Dunaev Yu. D., 2926, 3797
Dunea G., 1639, 3596
Dunlap K. L., 4705
Dunn M. J., 5725
Dunn R. L., 5350
Dunnett J. S., 3015
Dunning B. B., 5917
Dunning J. S., 2811
Dunsch L., 247, 2713, 3014
Duntov F. I., 653
Duplay H., 4648
Dupont T. J., 2958
Du Preez J. G. H., 5533
Dupuy J., 4971
Durand G., 2012
Durand J. P., 1539
Durand R., 5842
Durante M., 5796
Durdin Ya. V., 1028, 1977, 1990, 5895
Durney M. T., 3427
Duschek O., 3036, 3087, 3094, 4017
Dutkiewicz E., 4737
Dutta R. L., 2430, 5552
Dutton P. L., 3366, 3372, 5454
Duty R. C., 4088
Duyckaerts G., 1786
Duzinkewycz M., 4206
Dvorakova E., 2250
Dvorko G. F., 2203, 3144
Dvoryadkin B. A., 5339
Dvoryadkina A. A., 4151
Dvoryak N. V., 3214
D'yachenko S. A., 4035
Dyatkina S. L., 5837
Dyatlova N. M., 1303, 4212, 4323, 4440
Dyblin B. S., 4498
Dyke J. M., 3049
Dyul'dina K. A., 5335
Dyulgerova A. S., 4120
Dyuzheva E. B., 4997
Dzhafarov E. O., 3437
Dzhaparidze D. I., 1979, 2046, 4712
Dzhaparidze Sh. S., 3717, 3721
Dzhelali V. V., 1822
Dzhemilev U. M., 357
Dzhurka G. F., 337
Dzik R., 1556

Eagan M. L., 4162
Eardley D. C., 934
Easteal A. J., 628, 629, 2799
Eastman M. P., 2463
Ebel S., 1905, 4574
Ebermann R., 5773
Eberson L., 109, 710, 2488, 2490
Ebert G. M., 435
Ebner F., 1033
Eckenrod J. J., 4819
Eckert E. A., 3675
Eckert J., 3934
Eckradt R., 5716
Ecobichon D. J., 1707
Eda E., 5568
Edelman J., 4172
Edelman L., 5468
Edelstein C., 4640
Eder–Trifunovic J., 3958
Edgar W., 3632
Edmondson K., 1936
Edrisova M. A., 5401
Edwards O. W., 5350
Edwards P. A., 2664
Edwards R. B., 5806
Edwards Y. H., 2664
Eeckhaut Z., 5283, 5415
Efanova T. G., 4151
Efimova T. A., 3292
Efimtsev E. I., 4364
Efremenkov V. M., 1623
Efremov D. M., 5870
Efrima S., 3229
Egan J. J., 3175, 4378
Egghart H. C., 4825
Egorov L. Ya., 2720
Egorova I. V., 2832
Egorova L. G., 493, 494
Egorova N. F., 5390
Egorova T. A., 1640
Eguchi M., 4687
Egyshyan V. G., 4471
Ehrhart L. A., 4627, 4637
Ehrsam A., 1539
Eidman V. I., 3738
Eidnll'nant M. P., 653

Eisenbach W., 698
Eisenberg M., 2924, 5055
Eisenman G., 2852
Eisenman R., 3579
Eisenstadt M., 5702
Ejima S., 741
Ekilik G. N., 3923
Ekilik V. V., 3923
Elder J. P., 3872
Elek G., 2081
Elenkova N. G., 3075
Elgin S. C. R., 2570
El Harakany A. A., 1313
Eliassen S., 5278
Eliescu R., 3456
Eliseeva L. V., 92
El Khorafi F. M., 5836
Eller P. G., 3438
Eller P. M. P., 3169
Ellfolk N., 3678
Elliot O., 3679
Elliott G. R. B., 1335
Ellis W. D., 4940
El Miligy A. A., 1848, 2979
El Murr N., 4784
Elovikova S. P., 4607
El Sheik M. Y., 4321
El Sheikh F. A., 1561
El Sobki K. M., 884
Elson D., 4938
Elson N. A., 1632
El'tsov A. V., 339, 2185, 5167
Elving P. J., 855, 3736, 5172
Emanoil-Ravicovitch R., 2680
Emchenko N. L., 5397
Emelin E. A., 4330
Emel'yanov Yu. M., 5977, 5978
Emons H. H., 2398, 3176
Ender B., 5738
Endres G. F., 1477
Endrizzi J. E., 1696
Enea O., 452, 580, 2262
Engberg J., 2677
Engelmann W. E., 766, 5748, 5752
England J. S., 3356
Enriquez P. M., 4442
Enshtein N. A., 864
Enukidze N. E., 2718, 2719
Enyo M., 3863, 3864, 3865
Epelboin I., 1746, 1832, 1989, 2741
Epik A. P., 681
Epimakhov V. N., 2156, 3040
Eppstein L. B., 5877
Epshtein N. A., 1738, 1753, 3718
Erabi T., 3016
Erdey Gruz T., 596, 2396
Erdmann W., 2310
Erdos E. G., 1694
Eremenko B. A., 4410
Eremenko B. V., 5827
Eremenko V. N., 3770
Eremin E. N., 2787
Eremin Yu. G., 1197
Erenburg R. G., 4838
Erichen R. W., 5380
Ericson C., 2536, 3586
Eriksrud E., 1089, 1784, 2064, 2731
Eriksson T., 524
Erkelens C., 2101
Erlebach J., 3095
Erlikh T. E., 4732
Erlikh Yu. I., 4732
Ermakov A. N., 4588, 5701
Ermakov V. I., 3000
Ermolaeva M. N., 4196
Ermolenko V. I., 1076
Ermolina G. E., 2518
Ernestova L. S., 4168
Erofeev B. V., 4214, 5256
Eron'ko E. B., 1949, 1955, 4560
Eroshkina L. V., 2935
Erpert A. M., 4844
Errel A., 2641
Ershler A. B., 808, 1747, 1921, 2491, 2704, 2717, 2861
Ershov V. V., 5180
Ersson N. O., 2536
Ertel D., 3306
Erusalimchik I. G., 966
Esimzhanova A., 1177, 1178, 2152, 2153
Esin O. A., 1794, 1909, 2002, 4773
Espinassou E., 5428
Estavillo J., 4920
Eto K., 3677
Etzold G., 4112
Euler K. J., 815, 2777, 3433
Evans A. A., 5200
Evans D. F., 1503, 1507
Evans D. H., 246, 4890, 5050
Evans H. J., 1712
Evans W. H., 3598
Evcic N., 3958
Evdokimov B. V., 4453
Everaerts F. M., 4576, 4580
Everett G. W., 5903
Everhart L. P., Jr., 2585
Evglevskaya G. F., 3088
Evseeva M. A., 2019
Evstifeev M. M., 1239, 5166
Evstigneev V. B., 1229
Evstratov A. V., 5489
Ewe V., 877
Ewert K. H., 353, 5160
Ewing G. W., 983
Eyraud C., 130
Eyring H., 5918
Ezerskaya N. A., 4076

Fabbrizzi L., 5258
Faberova A., 4599
Fabry P., 2296, 4559
Facchinetti Luigi M., 302
Facsko G., 3063, 4990, 5194
Fadeev V. M., 1434, 2340, 4306
Fadeeva N. V., 5398
Fadeeva V. I., 1735, 4715
Fagnani G., 5734
Fahidy T. Z., 1948, 4871
Fahim R. B., 631
Fahmy A. M., 4093
Fainzilberg A. A., 1591, 1593
Fairbrothers D. E., 1642, 2549, 3591
Fairless C., 2448
Faizullaev O., 5203
Faizullin E. A., 5320
Faizullin F. F., 2736, 5858
Falck J. R., 720
Falikeva A. I., 2140
Fal'kovich Yu. E., 4907
Fally J., 3788, 3792
Fano V., 1057, 4978
Fan Tam Dong, 1434
Farisato R. S., 5217
Farkas E., 3206, 3207, 5269
Farkas F., 3397, 4924
Farkas J., 902, 1991
Farmery K., 5591
Farnia G., 1220, 3018
Farooq O., 1367, 3326, 5419
Farr T. D., 5350
Farrar Y. J., 3952
Farrell J. B., 764
Farrington G. C., 4519
Farrow M. M., 5523
Farsang G., 2077, 2081
Farwell S. O., 4015
Fasman A. B., 5817
Fateev S. A., 2694
Fatouros N., 2027
Faucherre J., 2288
Faugeras G., 2529
Fawcett J. S., 3898
Fawcett W. R., 23, 1741, 3719, 4724
Fawzy M. H., 4996
Feakins D., 4155
Fedash V. P., 3801
Federlin P., 3007
Fedorchenko I. M., 681
Fedorchenko V. I., 248
Fedorets T. M., 1260
Fedorin Yu. A., 2813
Fedorov P. I., 5518
Fedorov V. M., 1487
Fedorova N. D., 2948

Fedorova N. S., 2004, 3984
Fedorova T. V., 4803
Fedorovich N. V., 3033, 5016, 5023, 5837
Fedotov V. A., 4411, 5515, 5691, 5692
Fedotova A. Z., 1821
Fedotova T. G., 4716
Feher Zs., 5077
Feillet P., 2553
Feinberg B., 250, 1122
Feinstein A., 5776
Fekete L., 5620
Feldberg S. W., 1799, 3814, 4861
Feld'man J. S., 4446
Feld'man T., 4652
Fel'dshtein M. M., 1280
Felgenhauer K., 4618
Feliste R., 3609
Feller H. G., 2702
Fellner P., 677
Felloni L., 972, 1082
Fendley J. J., 623
Feng H., 1742
Fenwick D. E., 4400
Feoktistov L. G., 321, 2695
Ferguson A., 2552
Ferguson J. B., 5764
Fernandez-Prini R., 5485
Ferren W. P., 4558
Ferri P. G., 5709
Ferrier D. R., 903, 979
Ferris B., 3611
Ferro C. M., 3931
Ferro-Luzzi Ames G., 4634
Ferroni G., 101, 2303, 3300, 5303
Fertman V. I., 1852
Fescher O., 841
Fesenko L. N., 2471
Fialkov Yu. Ya. 658, 5562
Fiaud C., 4814
Fiedler U., 1286, 3532, 4569
Field R. J., 1352
Figueiredo E. A., 769
Filanovskii B. K., 5502
Filardo G., 5641
Filatova I. M., 2165
Filatova T. A., 5575
Filenko A. I., 2215
Filimonova M. M., 514
Filinovskii V. Yu., 4842
Filip M., 5308
Filipovic I., 38, 287, 304, 463
Filippov M. P., 1204
Filippov S. I., 1427, 1428
Filippov Yu. V., 5977, 5978
Filippova N. V., 4954
Filippovich Yu. B., 2583
Filonova A. V., 4218
Filyaev A. T., 5843
Fini A., 2366
Fink H., 1585
Fink R., 5577
Finkelstein Ya. G., 5496
Finlayson G. R., 4655
Finnimore E. D., 759
Finogenova Z. M., 182
Fiordiponti P., 4136, 5382
Fiorella B. J., 1639, 2596
Fiorino J., 3057, 3957
Fioshin M. Ya., 235, 701, 719, 1195, 1770, 2165, 2492, 2706, 3000, 3472, 3515, 3734, 4551
Firman R. E., 936, 1932, 1933
Firsova M. M., 1490
Firth B. A., 1745
Fischbarg J., 3375
Fischer A., 856
Fischer G., 1356
Fischer H., 2443, 2444
Fischer M. G., 1711
Fischer O., 5833
Fischer W., 1366
Fischer W. A., 456, 512, 2313, 2314, 2507, 4417, 5361
Fishbein W. N., 4654
Fishman G. I., 1273
Fishman H. M., 3809, 4921
Fitzhugh R., 3808
Fitzner K., 462, 3239
Flanagan J. B., 4843
Flanagan S. D., 1483
Flayeux R., 1550
Fleenor J. E., 4275
Fleet B., 485, 2157, 4201, 4279, 4909, 5332
Fleischmann L. E., 3648
Fleischmann M., 181, 716, 2068, 2909, 3975, 4992, 5900
Fleischmann W.-D., 5095
Fleishman L. F., 5563
Fleissner E., 2547
Fleming B., 3649
Flemming J., 265, 5841
Flerov V. N., 5904
Fleszar B., 3084
Fleury M. B., 327
Fliegner H., 1585
Flinn D. R., 5888
Floberg A., 4762
Flohe L., 2378
Flora H. B., 3395
Florence T. M., 2034, 3065, 3952, 5190
Florianovich G. M., 2055
Florini J. R., 2624
Floshin M. Ya., 805
Flückiger R., 4884
Flynn C. M., 5008
Fodiman Z. I., 346
Foeller C., 2672
Foerster W., 850
Fogg A. G., 4206, 4352, 5171
Fogileva R. S., 5326
Fokagawa K., 4613
Fokin M. N., 1369
Fokina L. S., 2948
Fokina R. G., 2260
Folest J. C., 4956
Fomichev A. M., 4895
Fomichev V. G., 5385
Fomicheva M. G., 4943
Fomin V. V., 2375
Fominykh M. V., 5164
Fonda M. L., 2671
Fonseca G., 3789
Fontaine M., 376
Foote L. J., 1702
Ford A. M., 3891
Foresti M. L., 27, 31
Forget P., 4695
Forker W., 1816, 3866, 3934
Forland T., 1901
Formicheva M. G., 2464
Forsberg O., 458, 1324
Forsblom G. V., 683
Forshaw K. A., 1651
Forster E. O., 3450
Fortier J. L., 3399
Fortier R. L., 5267
Fortune L. A., 1155
Fossum G., 1691
Foster D. M., 3681
Fóthi A., 902
Fourcade A., 1699
Fournier Delpech S., 1659
Fourtillan J. B., 3665
Fox L. E., 2876
Foy C. L., 2563
Fozzard H. J., 5234
Frache R., 5688
Fraenkel-Conrat H., 3619
Fragalà I., 4069
Frahn J. L., 5693
Fraifel'd N. I., 4119
Fraisse D., 2500
Frament M., 3505
Franceschi R. T., 5727
Francina A., 3349
Francki R. I. B., 4646
Frank E. U., 2413
Frank H. S., 2835
Franke L., 1816, 3866
Franke P. J., 396
Franklin W., 4104
Franklin Smyth W., 378, 2194
Franks E., 3480
Frant M. S., 5257
Frasco D. L., 668
Frederiksen S., 2677
Fredriksson S., 5683
Freese F., 2160
Frei A. M., 5508
Freid M. Kh., 4515

Freidlin G. N., 2481
Freimuth U., 2197
Freiser H., 655, 4399
Frelin C., 5719
French K. W., 1834, 3785
Frenkel V. Y., 3506, 3507
Frezou C., 3344
Fridman A. Ya., 4212
Fridman S. L., 2284
Fridrikhsberg D. A., 870, 1800, 2817, 2846, 3376, 3761
Fried K., 5355
Frieden C., 5794
Friedman E. J., 3078
Friedman J. A., 5775
Friedman S. M., 1268
Frish G., 643
Frish P. D., 1075
Fritsch J. M., 3132
Fritz H. P., 5095
Frohberg M. G., 4219
Froling A., 4542
Frolov A. G., 1523
Froment M., 2458
Fronaeus S., 1797
Frosch F., 5446
Frosolono M. F., 1655
Frumkin A. N., 1772, 1924, 2694, 2695, 2696, 3033, 3857, 3858, 3859, 4955, 5016, 5023, 5831
Fruton J., 5764
Fry A. J., 3509, 3531, 4091
Fry T. M., 4797
Fueno T., 3451
Fuerstenau D. W., 746
Fugman G. L., 4773
Fuhrhop J. H., 2937
Fujii R., 2950
Fujikawa K., 5774
Fujinaga K., 113
Fujinaga T., 272, 2172, 2395
Fujita M., 2543
Fujitani H., 4620
Fujitani Y., 4792
Fujiwara S., 3102
Fukuda S., 2271
Fukuda Y., 5736
Fukumoto Y., 230, 2999, 5617
Fukuoka T., 3520
Fukuyama Y., 5754
Fule J., 2250
Fulle Soldi T., 2106
Fuller G. M., 1680
Fung K. W., 234
Furberg C., 3586
Furlong C. E., 116
Furukawa N., 138
Furuno N., 267, 1732
Furuya N., 790
Fuse M., 4290
Gaál F. F., 381, 393
Gabdullina L. F., 2785
Gaberman B. G., 1549
Gabor Klatsmanyi P., 5309
Gaboriaud R., 2350
Gabrielli C., 897, 4821, 5886
Gadde R. R., 4508, 5002
Gadzhiev S. M., 2397, 3394
Gaffin S. L., 1685
Gafford L. G., 2590
Gagescu D., 602
Gagnon E. G., 1040, 2862, 5855
Gaidadymov V. B., 5057
Gaiduk V. V., 5880
Gaigher H. L., 1587, 5631
Gaikwad M. D., 5377
Gaillochet P., 409
Gaines P. R., 228
Gainutdinov M. Kh., 5464
Gajan R. J., 3057, 3957
Gakal R. K., 5387
Gal I. J., 5301
Gal J. Y., 2040, 2054
Galadzhii O. F., 3770
Galanets Z. G., 3044
Galasiu I., 1054
Galdikiene O., 1824
Gale N. H., 4503
Galea J., 101, 2303, 3300, 5303
Galinker V. S., 142, 5892
Galizzioli D., 218, 3991
Galli R., 2337
Galova M., 291
Gal'pern G. M., 4332, 4336, 5440
Galsomias J., 3344
Galus Z., 1093, 2097, 3077, 3297, 3978, 3988, 5868
Galushka A. P., 5517
Galushko V. P., 9, 847, 1817, 2859, 2943, 3484, 4751
Gamali I. V., 1426
Gamaskin E. I., 5951
Gambino S., 3487
Gamble D. S., 5240
Gammel P. M., 4449
Gamo T., 4619
Gams H., 1033
Gamsjaeger H., 411, 1368
Gandhi A. H., 4331
Ganelina E. Sh., 4282
Ganescu I., 5447
Ganev P., 4050
Ganin V. M., 4490
Gaprindashvili V. N., 1221
Garai T., 17, 18, 34
Garanin L. D., 59, 117, 1916
Garbarz Olivier J., 72, 1554, 2045
Garcia F. S., 309, 1169, 5132
Garcia Monjo J., 5435
Garcia Montelongo F., 3331
Gardiner J., 4211
Gardner A. W., 87, 912, 2763, 5851
Gardner C. L., 4775
Gardner E., 5780
Gardner J. R., 892
Garlitskii V. I., 1012
Garnier J. E., 625
Garrard W. T., 1726
Garreau D., 2824
Garreau M., 2458
Garrett R. A., 3700
Garus Z. F., 2208
Garvin J. E., 3634
Garza A. C., 1970
Gasanov B. R., 3020
Gasper S. P., 4324
Gasquez J., 5719
Gatellier C., 510
Gatner K., 5281
Gaur H. G., 3226, 5863
Gaur J. N., 2117, 5134
Gaus P., 3836
Gauthier M., 868, 4408, 4559
Gavach C., 425, 842, 2795
Gavrilin O. N., 2465
Gavrilina L. P., 2465
Gavrilova I. V., 1439
Gavrilova N. Ya., 5587
Gayton D. C., 3186
Gealt A. E., 1311
Geana D., 1848
Gebert G., 1268
Geer R. D., 4015
Geertzen H. G. M., 2587
Gefter M. L., 3702
Geiderikh V. A., 5314
Geiger G. H., 5333
Geiger W. E., Jr., 3098, 4010
Gein L. G., 4347
Geinrikhs K. Ya., 3986
Geissler M., 4858
Gelfmann M. I., 1439, 4077
Gel'man A. D., 4589
Gemanskaya Z. I., 5649
Geminova M. A., 4264
Genglein A., 3106
Genies M., 251, 2478
Genshaw M. A., 104, 2887
Gentaz C., 3763
Georgescu O., 3980
Georgiev Ts. O., 2005
Georgiev Z. L., 3796, 5966
Georgoulis C., 3505
Gerard G. F., 3689
Gerasimenko L. A., 5892
Gerasimenko L. N., 413
Gerasimenko M. A., 70
Gerasimenko V. P., 4880
Gerasimenko V. S., 633
Gerasimenko Y. S., 70
Gerasimov B. I., 3440

Gerasimov V. V., 5891
Gerasimov Ya. I., 4255, 5295, 5317
Gerasimov Ya. L., 5314, 5321
Gerasimova S. O., 4035
Gerbaux A. A., 1181
Gerchikova F. G., 357
Gerdil R., 342, 2181
Gergalov L. A., 4126
Gergel J., 2630
Gergely A., 3206, 3207, 3213, 5269, 5271
Geri C., 5796
Gerischer H., 969, 1859, 1861, 5910, 5930
Gerlach H., 3589
Gershenzon I. Sm., 2424
Gershkovich I. A., 335, 341, 1208, 1209
Gershov V. M., 4753, 5864
Gertler A., 4657
Gescher A., 343
Gesheleva R. I., 3396
Getmanski I. K., 992
Gevorgyan A. M., 1245
Geyer R., 324
Ghabrial S. A., 3622
Ghe A. M., 1112
Gheorghe V., 5224
Ghocharov Yu. A., 184
Ghose A., 5653
Ghosh A. K., 3445
Ghosh B. N., 3839, 4869
Ghosh D., 1267
Ghosh N. N., 4180
Gian Trinh Xuan, 989
Giasson G., 1841
Gibalo I. M., 297, 2126
Gibson M. L., 5533
Gidaspow D., 971
Giddings R., A., 1382, 4272
Giebel W., 4642
Giess H., 3763
Gigauri R. D., 651
Gijbels R., 751
Gijsbers K., 5672
Gilanyi T., 1275
Gil–Av E., 3517
Gilbert T. R., 192, 428
Gilde H. G., 2490
Gileadi E., 715, 3229
Giles K. W., 4662
Giles R. D., 5901
Giles R. G., 2743
Gilkerson W. R., 3395, 3411
Gill M. S., 1536
Gillam S. S., 3659
Gillard R. D., 5143
Gillen R. G., 5768
Giller S. A., 367
Gillespie R. J., 5500
Gillsson J. L., 3413
Gilman S., 3786
Gil'manov B. K., 2974
Gindin L. G., 5012
Gindin L. M., 4310
Gingras G., 2598
Ginsberg H., 4500
Ginsborg B. L., 2848
Ginsburg H., 929
Ginsburg S., 5574
Ginstrup O., 990
Ginzburg G. D., 3449, 5556
Ginzburg G. S., 5104
Giordano M. C., 214, 1785
Girard B., 2426
Girardet J. L., 315, 1176
Giraudeau A., 2976
Girdauskas B., 2475
Girina G. P., 2695
Gisbert Calabuig J. A., 1681
Gishchenko V. F., 1500
Gispert Benach M., 4520
Gizatullin N. Sh., 1890, 4891
Gladisheva T. D., 2697
Gladkii I. N., 4482
Gladkikh I. P., 1981, 2447, 2692
Gladkin I. N., 1810
Gladyshev V. P., 974, 4966
Glaeser R. M., 2683
Glangeaud M. C., 3626
Glaser R., 2441
Glatzman R. A., 1544
Glazatova T. N., 5001
Glazkova E. N., 5383
Glazkova E. P., 2258, 2331
Glazman Y. M., 4351
Gleason F. X., 1509
Glebko L. I., 5206
Glebov Yu. M., 3396
Gleich G. J., 2554
Glezer V. T., 367
Glubokova T. N., 5609
Glumov M. V., 830
Glushkov R. G., 374, 3126
Glushkova T. M., 1490
Gnatyshin O. M., 5880
Gnot W., 1556
Gnusin N. P., 4, 2391, 4554
Gnutenko V. A., 4544
Goddard D. R., 2115
Godneva M. M., 5878
Godon L. A., 1625
Goebes M., 2138, 2983
Goel R. G., 5536
Goeminne A. M., 5283
Goeppinger W. F., 3873
Goerg A., 1647
Goerlich Z., 4481
Goeting A. F. J., 5345
Goffredi M., 2411, 5549
Gogoberidze M. K., 781
Gohlke H. J., 2865
Göhr H., 955
Going J. E., 4210
Goischke E. M., 4356
Goischke H. K., 4356
Goldbeck C. G., 730
Goldberg E. D., 1425
Goldberg I. B., 3873, 5887, 5906
Goldberg M. A., 2584
Gol'din M. M., 321
Gol'dshtein I. P., 1538, 4419
Gol'dshtein M. D., 799, 2699
Goldsmith J. A., 378
Goldsmith L. A., 3649
Golikova O. A., 3437, 5526
Golinska B., 5814
Golod M. G., 1643
Golomowski J., 3039
Golovacheva R. S., 3590
Golovin V. A., 5103
Golovkina M. T., 5276
Golovteeva A. A., 1370
Goltsin B. E., 5502
Golub A. M., 4233
Golub E. E., 1724
Golubev B. P., 3889
Golubev S. N., 3894
Golubev V. N., 5575
Golubkov L. A., 4516
Golyanitskaya I. N., 231
Gombos M., 3397, 4924
Gomes W. P., 2058, 5929
Gometz M. V., 769
Gonbeau D., 4786
Goncharov A. E., 1542
Goncharov Yu. A., 2028
Goncharuk L. V., 1395
Goncharuk V. K., 5112, 5865
Gontovoi S. V., 1849
Gonzales E. R., 180, 702
Gonzales L. W., 4686, 4690
Gonzalez S., 3854
Gonzalez Carrero J., 4593
Goodall M. C., 3467
Goodenough J. B., 2421
Gooding R. H., 1689
Goodman J., 1553
Gopal R., 605
Goranov N., 993
Gorbachev S. V., 533, 1110, 2053, 2075, 3947
Gorbachuk I. T., 1006, 5703
Görbe I., 360
Gorbunova O. F., 5151
Gordeev Y. N., 4937
Gordienko O. E., 5785
Gordienko V. I., 1344, 3152, 5316
Gordievsky A. V., 2361, 4264
Gordina T. A., 3463
Gordon G., 4269
Gordon R. S., 1382, 4272
Gore E. S., 5591
Gorelov I. P., 1159, 1180, 3067

Gorenbein A. E., 4439
Gorenbein E. Ya., 614, 4439, 5514
Gorichev I. G., 1850, 5400
Gorka P., 1154
Gorlova M. S., 680
Gornbein E. Ya., 627
Gorodetskii V. V., 222
Gorodetskii Yu. S., 3922, 5058
Gorodyskii A. V., 2477, 3499, 3992
Gorokhova N. T., 2690
Gorokhovskaya V. I., 2192
Goroshchenko Ya. G., 4253
Gorovsky M. A., 5716
Goryachev R. G., 5933
Goryachev Yu. M., 1527
Goryaev M. I., 5750
Goryl W., 1375
Goryunov A. S., 1006
Gorziza A., 2441
Gosse B., 2080
Gosse J. P., 2080
Gossner K., 3720
Gostisa Mihelcic V. B., 240, 2896
Got R., 3602
Goto K., 4479, 4834
Goto K. S., 132, 1777, 3178, 5513
Goto M., 829, 907
Gough D. A., 2227
Gould J. H., 3057
Gourcy I. G., 2479, 5615
Gouverneur L., 5075
Govil P. K., 3231
Gowri S., 2467
Gozman I. P., 3508
Gozzi D., 2715
Grabarić B., 38, 287, 463
Gräber P., 5460
Grabiec S., 4277, 5473
Grabner E. W., 1860
Grachev V. I., 5659
Gracheva O. I., 3760
Grachina T. N., 3778
Graesslin D., 4618
Grafov B. M., 43, 953, 1881, 1935
Grahmann P., 2091
Graichen C., 5364, 5391
Grajnert K., 1663
Gramlich J. W., 686
Gramm Osipova V. N., 4822
Grandgenett D. P., 3689
Grandi M., 1697
Graneli A., 2890
Granik V. G., 374, 3126
Grankina Z. A., 1528, 5634
Granovskaya Zh. V., 4255
Grant J., 378
Grasbeck R., 1631
Grassi R. L., 302
Grätzel M., 3106, 5184
Graves A. D., 908
Graves B. B., 1969
Gray D. N., 2001
Gray P. N., 3700
Grazan A. M., 1440
Grazhdanova T. N., 4933
Grba V., 2348
Greaser M. L., 2630
Grebenyuk V. D., 4, 592, 833, 2391, 3460, 4554
Grechanovskii V. F., 2010
Grechina T. N., 4506
Grechkovskii E. V., 102
Green M., 3689
Greenaway P. J., 3621
Greenberg M. J., 3471
Greenberg M. S., 2402
Greene F. D., 3531
Greene N. D., 975
Greenhow E. J., 2370
Gref A., 1498, 1551
Grega B., 2532
Gregely J., 1662
Gregorowicz Z., 1154, 1225, 5336
Gregory J., 1925
Grekov A. P., 1441, 3334
Grekovich A. L., 3183, 5346
Grenchko L. Ya. 4528
Grenie D., 3665
Grenthe I., 4239
Greshchik A. M., 2859
Greyson J., 104, 2887
Gribova E. A., 1451, 1543
Gribova L. V., 1590
Griep J. A., 4663
Griepink B. F. A., 2315
Grierson D., 3696
Griffith A., 4668
Griffith A. L., 3851
Griffiths B. W., 5808
Grigorcha P. D., 2548
Grigorchenko A. P., 2017
Grigorchenko E. V., 3823
Grigor'ev A. B., 333, 374, 1235, 3126
Grigor'ev N. B., 2694, 2710, 3729
Grigor'ev V. P., 3923
Grigor'eva A. A., 5423
Grigoryev N., 3857, 3858
Grilikhes M. S., 95, 976, 1950, 5502
Grimaldi M., 2264
Grimnes S., 4904
Grimshaw J., 258, 2187, 2762
Grimsrud E. P., 3398
Grinceviciene L., 816
Grinchak I. A., 220
Grinev A. N., 333
Grineva L. A., 1545
Grineva N. F., 412, 1409, 2259
Grinevich V. V., 1783, 2730, 3751, 4752, 5862
Grishaenkov B. G., 13, 4829
Grishina T. M., 1735, 1740, 5818
Gritsan D. N., 1822, 1823
Grjotheim K., 677, 3393, 3483
Grobe J., 3502
Grobler S. R., 3294
Grof O., 1357
Gromet Elhanan Z., 4367
Gromyko V. A., 5057
Gron N. L., 5595
Gronlund F., 4170
Gronow M., 4632
Gros M., 2580
Grosanu M., 4432
Gross J., 336, 358
Gross F., 3643
Gross M., 1173, 2100, 2148, 2976
Grossarth C., 2650
Grossi P. J., 3024
Grossklaus R., 2537
Gruba A. I., 4152
Grubbs R., 4001
Gruenwedel D. W., 4049
Gruncharov K., 4604
Grundler P., 5668
Grundova K., 2164, 5183
Gruenke R., 5673
Gruetzmann K. D., 5721
Grushkina S. A., 1839
Gruss L., 3771
Gruzdev A. I., 5749
Grzejdziak A., 2159
Guainazzi M., 5641
Guarasci G., 5772
Gubin S. P., 3059, 3060, 3061
Gubkin A. N., 4416
Gudat J. C., 2682
Gudin N. V., 1567
Guenther H., 2310
Guernet M., 5428
Guertler D., 4037
Gugeshashvili M. I., 869
Guidelli R., 27, 31
Guilard R., 2481
Guilbault G. G., 1466, 2001, 4124, 4129, 4326
Guiler E. R., 2662
Guilpin C., 72, 1554, 2045
Guitton J., 1918
Gulanyan S. A., 1952
Gul'din I. T., 490
Gulens Y., 5042
Gulick W. M., 2084
Gul'ko A. G., 5146
Gul'tyai V. P., 2178
Gumnardpetch R., 4664

Gunar E. V., 4624, 4635
Gundorina A. A., 4195
Gun'ko G. N., 4907
Gunn R. B., 5576
Gunsalus I. C., 3365
Gupta B. K., 5134
Gupta C. K., 1583
Gupta C. M., 299, 1141, 1145, 1150, 2112, 2113, 3100, 5105
Gupta J. K., 1150
Gupta K. K., 1413
Gupta K. R., 4339
Gupta N. D., 1450
Gupta R. C., 2360
Gupta R. K., 4184
Gupta R. P., 749
Gupta S. P., 5525
Gupta V. D., 2294
Gur'eva T. G., 5497
Gurevich Yu. Ya., 1869, 1874
Gurina T. V., 2751
Gurinov Yu. S., 3947
Gurov S. V., 5542
Gurskii E. G., 3907
Gürtler O., 147, 3026
Gurusvami V., 2452, 2786, 2797, 4835
Gur'yanova E. N., 1538, 4419
Gurylev E. A., 1442
Gurylev V. V., 4961
Gusakova O. Yu., 1761
Gusev A. I., 2607, 4669
Gusev L. F., 2044, 5103
Gusev N. I., 624, 930
Gushchin I. S., 5463
Guskov V. A., 1847
Guslienko Yu. A., 681, 1579
Guthrie C., 789
Gutknecht W. F., 2831
Gutmann F., 4875
Gutmann V., 3036, 3087, 3094, 3387, 4017
Guttman S. I., 1700, 1701
Guyon J. C., 3356
Guyton D. L., 3805
Guzman G. M., 1480
Gvaramadze L. L., 726
Gyani B. P., 3103, 3296, 5437
Gyketta–Ogrizek M., 2348
Gyllenspetz B., 1902

Ha Y. G., 1246
Haamaoka S., 4075
Haarsma J. P. S., 2256
Haase A. T., 5807
Hachey J. M., 2426
Hackeman N., 887
Hackerman N., 3781, 3981
Hackl L., 402, 1792, 3968
Hackman M. R., 4111
Hackney R. L., Jr., 5760
Hadermann A. F., 4764
Hadidi A., 3619
Hadjiioannou T. P., 4188
Hadzijev D., 2657
Hadzy Jordanov S., 679
Haeggqwist P., 859
Haerdi W., 4291
Haertel M., 1548
Hagedorn H. F., 1815
Hagenmuller P., 2421
Hager G., 5149
Hagiya K., 5100
Haglid K. G., 3593
Hagman R. E., 5302
Hahn P. B., 435, 5231
Haiduc I., 3228, 5327
Haim M., 1985
Hajos P., 5529
Hakim J., 3674
Hakoila E. J., 2319, 2327, 2837, 3267, 5388
Haladjian J., 2276
Haldna U., 660, 661, 1489, 2433, 5438
Halicz B., 3706
Hall D. A., 1233
Hall F. F., 2576
Hall F. M., 2366
Hall J. E., 32, 5055
Hall M. B., 2051
Hallal R. T., 3693
Halle J. C., 2350
Hallpike J. F., 1660
Halmos Z., 4387, 4925
Hamada T., 439
Hamann C. H., 28, 239, 956
Hamano H., 348, 2177
Hamazu Z., 1676
Hamberger A., 1657
Hambrecht F. T., 3805
Hamelin A., 1771, 3739
Hamelle, 1966
Hamers R., 3641
Hamers Casterman C., 3641
Hames M. D., 607
Hammerich O., 245, 5048, 5060
Hammerli M., 670
Hammes G. G., 2655
Hammond H., 5430
Hammond J. S., 2035
Hammond J. W., 3669
Hammou A., 4408
Hamon M., 5428
Hampel A., 2673
Hampson N. A., 1775, 1999, 2743, 2771, 2957, 3954, 4228, 4492, 4802, 5901, 5940
Hanafi Z. M., 2927
Hanck K., 5043
Hand R. L., 5655
Handler P., 4746
Handley D., 934
Handwerger B. S., 5737
Handy R. F., 4036, 5129
Hanebeck N., 5922
Hanif M., 1405, 2305
Hanna J. G., 1465
Hannema U., 2952, 3155, 3544
Hansen E. H., 1323, 3205, 3885
Hansen R. E., 5450
Hansen W. N., 49, 2385
Hansson I., 471, 483, 484, 4220, 4221
Hanzlik J., 1820
Haque S., 2108
Harada K., 5650
Harada T., 2499
Harasta V., 5844
Hardesty P. T., 3242
Harding G. B., 3625
Harewood K., 788
Hargis L. G., 5897
Hargreaves F. B., 769
Hariharasubramanian V., 3619
Haritos A. A., 2623
Harju L., 1300
Harkiss K. J., 5707
Harley E. H., 1731, 3694
Harley M. D., 5657
Harnoncourt K., 2239
Harold F. M., 3369
Harrar J. E., 727, 935, 3539, 5677
Harrington G. W., 3142
Harrington L., 4364
Harris B., 5801
Harris J. R., 3714
Harris L. B., 939, 3404
Harris M. B., 5528
Harrison A., 4563
Harrison J. A., 55, 183, 224, 685, 879, 1565, 2063, 2066, 4741
Harrison J. E., 1671
Harrison L. G., 5504
Harrison R., 1629
Harriss D. K., 3842
Harriss M. G., 1497
Harshman S., 3651
Hart J. P., 4104
Hart W. M., Jr., 1725
Harter R. D., 760
Härtling S., 3006
Hartmann C., 2639
Hartmann P., 1139
Hartshorne D. J., 2629
Hartz J. W., 1703
Haruki T., 2906
Haruyama Sh., 5953
Harwood D. F., 131
Hasebe K., 2147
Hashimoto K., 4525, 4770

Hashimoto M., 665
Hashimoto T., 1136
Hashimoto Y., 5611
Hassan H. N. A., 4029
Hassan M. Z., 4985
Hassan S. S. M., 2328
Hasty R. A., 1423
Hatano M., 135
Hatch F. T., 3607
Hatfield J. D., 5350
Hatsushika T., 2779
Hauffe K., 857, 859, 1618
Haurez F., 5567
Haurie M., 1778
Hauschild A. H. W., 5813
Häusler K. G., 553
Havas J., 5392
Havel J., 5288
Havel R. J., 3591
Havinger A., 4927
Hawker B. W., 1954
Hawley J. E., 5226
Hawley J. J., 5282
Hawley S. A., 2606
Hawthorne M. F., 5605
Hay J. V., 4550
Hayakawa T., 2850
Hayakawa Y., 2074, 2089, 2779
Hayase K., 4681
Hayashi T., 138, 230, 2435, 2999, 4475, 5617
Hayashida H., 5975
Haydar M., 2657
Haydon D. A., 667, 4464
Haydon G. F., 4159
Hayes J. W., 74, 3827, 3828
Hayes M. B., 4614
Haykazian E. A., 1594
Hayon E., 3353, 4349
Hazard R., 2495, 5661
Hazelrigg M. J., Jr., 1111
Hazra G. C., 1308
Headings V. E., 5760
Heaney A., 5727
Heaton R. C., 4988
Hebecker W., 5704
Heckmann K., 4703
Heckner H. N., 1454
Heckner K. H., 821, 3011
Hedrick C. E., 391
Heffler J., 3802
Hegedus D., 2709
Heilmann S. M., 5053, 5086
Heilmann W., 1718
Heimann W., 1115
Heimke G., 3288
Heimler D., 2085, 5063, 5064
Heiss J., 3803
Heitbaum J., 956, 2686
Heitz E., 1576
Hejl V., 5694
Helesicova H., 3629
Helgée B., 3504
Heller A., 1834, 3785
Heller C. A., 3132
Helmy A. K., 4876
Hemingway R. E., 1095
Hemmes P., 3386
Hemminki K., 763
Hendrickson A. R., 3045
Hendrickson D. N., 5035
Hendriks Y., 4884
Heneine I. F., 769
Henesse Ch., 1181
Henglein A., 2171, 4002, 5147
Henn F. A., 1657
Henry R. A., 3132
Henry R. P., 5356
Hensley W. J., 2566
Henze G., 247
Hepler L. G., 1263, 5425
Herd J. K., 774
Herdlicka C., 3753, 5861
Herem A., 3896
Herèmans J. F., 2619
Hergula O., 845
Herigault R., 2042
Herino R., 1212
Herlem M., 200
Herling I., 3306
Herman H. B., 1931
Herman M., 4298
Hernandez Arroyo F., 4520
Herout V., 3582
Herring J. R., 1425
Herrmann A. G., 2503
Herrmann C., 2601
Herrmann G., 995, 5331
Herzog G., 383
Hess U., 2556
Hessler G., 4239
Hetman J. S., 1778, 2201, 3249
Heubel J., 5534
Heus R. J., 4378
Heusler K. E., 1808
Heyer E., 666
Heyman L. E., 3447
Heymann E., 4680
Heyrovskà R., 1894
Heyrovsky M., 39, 1894, 3804
Hickling A., 217, 1553
Hicks J. E., 4275, 4663
Hidal M., 2150, 2485
Hidskes G. G., 2602
Hiebert E., 4651
Hiegel J. M., 692
Hietanen S., 451, 467
Higashitsuji K., 2733
Higerd T. B., 3667
Higgins J. K., 5608
Higinbotham N., 3370
Higuchi H., 1648
Higuchi S., 5599, 5600
Hiiro K., 468
Hilbert F., 796, 2979
Hilgermann R., 1682
Hill D. E., 4140
Hill R. P., 224, 685
Hill W. D., 5220
Hiller H., 3803
Hiller S. A., 4079, 4098
Hillier I. H., 2051
Hills G. J., 807, 2933, 3940
Hills G. S., 3919
Himeno S., 1896
Hinckey J. O. N., 2900
Hinke J. A. M., 3186
Hirai N., 2486
Hirai S., 3520
Hirasawa R., 5906
Hirata H., 466, 3369
Hirata J., 382
Hirata M., 3569, 4541, 5583, 5919
Hirato Y., 5353
Hirayama S., 3910
Hiroi M., 881
Hironaka H., 400, 5235
Hirose K., 138
Hiroshima Y., 4075
Hirota M., 3102
Hirota S., 4541
Hirsch Ayalon P., 5974
Hirvonen T., 1692
Hisano T., 2460
Hitchcock P. H., 24, 175, 185, 725, 1003, 1061, 1062
Hitchman A. J. W., 1671
Hjerten S., 4578
Hladky S. B., 4464
Hladky Z., 737
Hnik P., 1291
Ho A. Y. W., 4279, 5332
Ho H. C., 5795
Hoard C. Q., 1915
Hoare J. P., 2041, 4146
Hobbs B. S., 2746
Hobday S. M., 4662
Hobson J. D., 4932
Hochberg M., 782, 1715
Hochleitner P., 5773
Hock B., 2647
Hodara I., 4523
Hodrejarv H., 3160
Hodson S., 3170
Hoekstra S. P., 3705
Hoeman G., 3610
Hoey G. R., 2737
Hoffer E., 946
Hoffman P., 756
Hoffmann H., 343, 344, 1605
Hofmaier R. L., 4423
Hofmann E., 1718
Hofmann F., 3577, 5704
Hofmann K., 2551, 2558

Hofmanová Matejková A., 1065, 2038
Högfeldt E., 451, 5288
Hohimer A. R., 5243
Holecek S., 277
Holgate T. D., 2222
Hollan J. W., Jr., 3899
Holland J. C., 2615
Hollandt H., 4680
Holleck L., 373
Hollis J. P., 1387
Holm J. L., 3393
Holmberg B., 450
Holmberg H., 4610
Holme T., 1720
Holmes R. S., 2656
Ho Lo C., 2561
Holoubek V., 4620
Holt P. T., 5061
Holt T. W., 280
Holtan H., 164, 576, 5278
Holtan R. W., 4677
Holtzen D. A., 4780
Holtzer A., 3833
Holub I., 2880, 2881
Holub K., 949, 2739
Homann P. H., 3371
Homsy R. V., 4896
Honda K., 334, 863, 3523, 4792
Hong F. T., 1862
Hong Y. S., 1645
Honowska M., 5473
Honz J., 2765
Hood L. E., 2570
Hoogland J. G., 57
Hoo Young Lee, 2417
Hopirtean E., 918, 1443, 2255, 3177, 3187, 5211
Hopkinson D. A., 2664
Hoppe H., 422
Horanyi G., 1752, 1766, 2709, 2858, 3512, 5044, 5828
Horanyl G., 811, 2714, 4721, 4725
Hori F., 4092
Horn A., 1326
Horn E., 4086, 5149
Horn R. R., 5040, 5903
Horst J., 2684
Horton R. M., 3977
Horvath I., 2618
Horvath J., 402
Hoshing H., 644
Hoshino Y., 5230
Hospirtean E., 4141
Hosselet L. M. L. F., 2768
Hoste J., 751
Hostomsky J., 2745
Hotzclaw K. M., 1418
Houck C. M., 3172
Houck J. C., 3712
Hough K. O., 1599
Houghton R. W., 4511
Houng K. U., 4048
Houngbossa K., 2262
House H. O., 2076
Houser K. J., 5657
Houston L. L., 3663, 3686
Hovey M. M., 5579
Howard C. R., 4702
Howard G. A., 2575
Howard R. L., 1712
Howard Purnell J., 1903
Howery D. G., 2908
Hranilovic J., 366, 1218
Hranilovic R., 1218
Hrnciar P., 3137
Hsien-chang Wang, 3386
Hsu D., 756
Huang C. Y., 3601
Huang F. L., 3598
Huang H. V., 5745
Huang J. W., 2574
Huang M. Y., 5363
Huang S. J., 2897
Hubbard A., 3611
Hubbard A. T., 3725, 3726
Hubby J. L., 5783
Hudnall P. M., 243
Huebener J. S., 4796
Huffman H. L., Jr., 4455
Hugel R., 5414
Huggins R. A., 4414
Hugot Le Goff A., 3505
Huismans B. D., 4618
Hulanicki A., 1611, 3195, 3235, 3278, 4262
Hulburt H. M., 3001
Hule V., 2644
Hull M. N., 2067, 3972
Hulme R., 5500
Hume D. N., 192, 1031
Humffray A. A., 10
Humniski P. M., 5795
Hung J. C., 1322
Hung Y. C., 3909
Hunger H. F., 444
Hünig S., 336, 358
Hunt R. C., 5731
Hunter J., 2423
Hunter R. J., 1745, 1922, 1923, 4889
Hurlen T., 1083, 1784, 2731
Hurwitz H. D., 4758
Hush N. S., 3049
Huskey G. E., 3957
Hussein M. M., 1674
Huttunen E., 2272
Huttunen P., 4610
Huyen V. H., 1208
Hyllseth B., 1670
Hyman H. H., 4438, 5547

Iammarino R. M., 3616
Iannetti P., 3660
Ibl N., 2071, 5508
Ibragimov A. P., 5723
Ibragimov M. Kh., 5471
Ibrahim S. H., 1486
Ibsen K. H., 3671
Ibuki T., 712
Ichadzhik F. S., 3150
Ichikawa M., 5969
Ichimura A., 314, 3037, 3120
Ichino H., 5329
Ichise M., 1875
Ide M., 840
Idu S. M., 1963
Ifft J. B., 5449
Igata A., 5732
Igi S., 1361
Iglesias L., 4936
Ignaczak M., 1257, 2159
Ignatenko E. G., 205, 1253
Ignatova N. K., 3161
Igolinskii V. A., 3031
Iida K., 4006
Ihida M., 5362
Ijsseling F. P., 2099, 5079
Ikeda I., 4502, 4552
Ikeda S., 382, 516, 1386
Ikeda T., 323, 2096, 4087
Ikemoto N., 1662
Ikemura T., 3701
Ikenoya S., 5067
Ikonopisov S., 839
Il'icheva L. A., 4317
Iliev A. A., 5348
Il'im N. I., 5588
Il'ina L. B., 4659
Il'ina L. F., 1156, 2127
Illi H., 2024
Il'yasov A. V., 3508
Ilyushchenko N. G., 5277
Imada H., 4183
Imai N., 4883, 4885, 5262
Imhof J., 4384
Indelli A., 2248
Inesi A., 2161
Ingalls R. G., 4696
Ingle D. B., 523, 2289, 3287
Inkin A. A., 740, 758, 1686, 2510
In Kook Chang, 2563
Inman D., 825, 4757
Inoguchi H., 4800
Inoue E., 2776
Inoue T., 741
Inoue Y., 713
Inouye K., 650
Ionescu M., 332
Ipatov Yu. P., 5848
Irisawa H., 3471
Irish L., 3033
Iritani N., 3280
Isabekyan S. E., 1596
Isaev N. I., 833, 3807, 4759
Isaeva N. L., 4359

Isakova A. Kh., 4531
Isamidinova L. F., 1214
Isbell A. F., Jr., 1903
Ishankhodzhaev S., 693
Ishibashi M., 741
Ishibashi N., 568, 1359, 1455, 2372, 2459, 3340, 4338
Ishida T., 230, 5617
Ishii D., 829
Ishii T., 529
Ishikawa M., 752
Ishikawa S., 2637
Ishikawa T., 170, 448, 4293
Ishikawa Y., 857
Ishimoto M., 5754
Ishitani K., 4658
Ishitani S., 1361
Ishiwari S., 2499
Ishizaki I., 5578
Ishutin A. V., 163
Iskatova A. Kh., 3916
Islam M. R., 1515
Islam N., 1514, 1515
Ismail A., 883, 2780
Ismailov D. I., 548
Ismatov Kh. R., 4224
Issa Y. M., 1338
Isselbacher K. J., 3631
Ito S., 674, 1482, 2307
Ito T., 5230
Ito Y., 113, 4798, 4800
Itoh S., 5601
Ivakina E. I., 3758
Ivan E., 3418
Ivanchenko A. F., 4518
Ivannikova N. V., 4077
Ivanov A. V., 4332, 5445
Ivanov G. E., 4100
Ivanov I. A., 5687
Ivanov I. N., 5747
Ivanov N. A., 3330, 5427
Ivanov N. K., 5497
Ivanov V. F., 819, 3742, 5849, 5850
Ivanov V. G., 102
Ivanov V. T., 900, 901, 3813, 4833, 5489
Ivanov Yu. I., 1032, 1087
Ivanova E. D., 4030
Ivanova G. Ya., 3327, 5114
Ivanova I., 1517
Ivanova I. A., 742
Ivanova N. D., 1579
Ivanova N. M., 4110
Ivanova R. V., 5821
Ivanova S. N., 4310
Ivanova Z. I., 205, 1253, 2143, 2322, 4229
Ivanovskii A. F., 2005
Ivanovskii L. E., 3270, 3310, 3966, 4271
Ivascanu St., 3980
Ivashchenko A. A., 3742
Ivashkevich E. A., 3935
Ivashkovich E. M., 5396
Ivaska A., 2843
Ives M. B., 3800
Iwabuchi M., 5724
Iwai S., 3569, 4541, 5919
Iwakura C., 259, 5069
Iwamoto M., 649
Iwamoto R. T., 1316, 1815, 4967, 5253
Iwanaga S., 5774
Iwasa K., 4885
Iwasaki I., 1072
Iwasaki T., 2483, 3516, 5650
Iwasawa A., 5570, 5571
Iwasita T., 214, 1785
Iyer R. K., 1580
Izheeva M. M., 1198
Izidinov S. O., 860, 2020, 5884, 5963
Izmailov A. V., 2919
Izmailova G. O., 1275
Izmail'skii V. A., 4100
Izrailev L. M., 1563
Izumiya M., 2050
Izutsu K., 272
Izvekov V. P., 4329
Izydorczyk J., 1011, 2873

Jacin H., 4299
Jackson A. O., 5804
Jackson J. B., 3372
Jacob K. T., 1790, 3291, 5290
Jacob P., 133
Jacobs D. L., 3552
Jacobsen E., 377
Jacobsen T. V., 377
Jacobson A., 786
Jacquot R. D., 1471
Jae Bong Li, 4018
Jaeger W., 2076
Jafferali S., 5882
Jagner D., 1288, 2836, 2890, 5324
Jagur Grodzinski J., 5495
Jahagirdar D. V., 2252, 5408
Jain D. S., 5134
Jain P. C., 3091, 5130, 5506
Jain R. P., 4398
Jain S., 329
Jain V. K., 3618
Jakes D., 3837
Jakó J., 5680
Jaksič M. M., 4521, 5622
Jakuszewski B., 1009, 1336, 1337, 1756, 1879, 1953, 1967, 1968, 2759
Jalota S. K., 4395
James A. M., 1908
James D. W., 2317
James H. I., 2067
James S. D., 3787
James W. J., 2996, 4774
Janata E., 2171, 3106
Janata J., 5084
Jänchen M., 4112
Janczarski I., 4277
Janda M., 2496
Jandera J., 876
Jangg G., 1806
Janicek A., 1610
Janicek G., 2164, 5183
Janietz P., 2828, 3013
Janik B., 3149, 3736
Janik–Czachor M., 1940
Jänisch B., 133
Janjic D., 3261
Janjic T. J., 3211
Janke D., 456, 511, 2313, 2314, 2507, 5361
Jankowski J., 4914
Jannakoudakis D., 4053, 5145
Janosova J., 4187, 5381
Janot H., 5148
Jansen F. J., 2387
Jansen M. L., 4374
Janssen E., 3008
Janssen L. J. J., 57, 5024
Janssen M. J., 3530
Jansson S. E., 3368
Jansta J., 890, 1840
Jantunen T., 3241
Janulaitiene K., 2965
Jardillier J. C., 3308
Jarubitskaya L. I., 1500
Jarzyna T., 1167
Jasinski R., 519, 539, 5245, 5255
Jastrzebska J., 426, 3189
Jaulmes P., 1966
Jaura K. L., 1530
Jauzems V., 1545
Jaworski M., 3105
Jaye F. C., 5343
Jebson R. S., 5200
Jee R. D., 1951, 2157
Jeffes J. H. E., 3291
Jeftič Lj., 209
Jehle D., 4998
Jehličková A., 2339
Jehring H., 1125, 1755, 4085, 4086, 5149, 5822
Jejurkar C. R., 4308
Jelacha S. L. 1252
Jemenez P. J., 4890
Jeminet G., 2479, 5615
Jen J., 906
Jenard A., 4758
Jenkins H. A., 378
Jennings V. J., 4563
Jensen B. S., 244
Jensen L. C., 3607
Jensen R., 1200
Jercan E., 1616
Jerome D. J., 1335

Jerome R., 4450
Jeroschewski P., 989
Jezorek J. R., 3121
Jezowska Trzebiatowska B., 5141
Jha S. K., 5178
Jiamsakul V., 1988
Jilek J., 4927
Jilek L., 4934
Jimenez Torres V., 4593
Jindal H. L., 71
Jindra J., 5936, 5967
Jitaru I., 617
Johansson C. L., 1797
Johansson K., 458, 1324, 5250
John E., 1298, 1299
Johnmann C., 5716
Johnson A. G., 4699
Johnson C. J., 3920
Johnson D. A., 3065
Johnson D. C., 167, 189, 193, 194, 228, 724, 3543, 5231
Johnson E. A., 4364
Johnson F. M., 115
Johnson J. W., 2996
Johnson K. E., 2030
Johnson M., 3290
Johnson R. E., 1295
Johnsson K., 5250
Johnston T. H., 1013
Jola M., 3488
Jones D. A., 973
Jones E. M., 2051, 5017
Jones H. L., 2079, 3179, 3925
Jones M. M., 2962
Jones P. R., 1113
Jones R. L., 107
Jongerius C., 2101
Jonscher A. K., 623
Joonson V., 3896
Jordan F., 2351, 3360
Jordan J. J., 2605
Jordan P. M., 5800
Jorgensen S., 2731
Jornvall H., 4675
Joshi J. D., 4308, 5263
Joshi K. M., 4736
Joshi N. D., 3263
Joshi R. S., 3357
Joslin T., 716, 1876
Joste J., 1240
Jouanneau A., 852
Joubin C., 2506
Jouve G., 3764
Jovanovič Dj., 825
Jovanovič M. M., 283, 3054
Jovanovič M. S., 381, 2508
Jovanovič V., 3566
Jovic F., 3881, 3903
Jovicevic I. N., 5598
Jovin T. M., 60, 2855, 2856, 3554
Joy A., 4338
Juillard J., 5228
Julakova E., 5152
Julean I., 195, 1060, 3076
Junek H., 2482
Jung C., 2828
Junge W., 4680, 4789
Junghaus K., 5664
Juniper I. R., 1959
Juodkazis K., 21
Jurasek L., 2633
Jurczak P., 4394
Jurkiewicz B., 5733
Jurkiewicz – Herbich M., 1751
Jurman-Gros T., 2580
Justi E. W., 877
Justinijanovič I. N., 162, 5598
Jyo A., 1455, 3340
Jyske P., 3241

Kaatze U., 5916
Kabachnik M. I., 5423
Kabanov B. N., 843, 2940, 5912
Kabanova O. L., 92, 184, 2028
Kabir Ud Din, 4064, 5197
Kabisch K., 5748, 5752
Kabun A. V., 3896
Kachanovskaya I. S., 1572
Kachkar L. S., 3274
Kachmachik E. V., 2614
Kadaner L. I., 2756, 2757, 5041
Kaden H., 1605
Kaden T. A., 4185
Kadish K. M., 2027, 2937, 5074
Kadiya I. V., 4842
Kadoshnikov S. I., 4788
Kadysh V. P., 4079, 4098
Kafedzhieva S., 1157
Kaftanat V. N., 3415
Kaftanov A. Z., 4294
Kaganovich S. I., 3759
Kagawa M., 4182, 4183
Kageyama H., 2485
Kageyama T., 1171
Kahn A., 3674
Kahr G., 5292
Kaibara K., 4360
Kaidalova S. N., 707
Kaidarova R. K., 3279
Kainz G., 5195
Kaiser U., 1576
Kajita T., 328
Kakhadze A. E., 3717, 4712
Kakimoto T., 1694
Kakkar S. N., 544, 4199
Kakutani T., 3050, 3143
Kala H., 5207
Kalac J., 3692, 5789
Kalamar J., 340
Kalashnikov Ya. A., 1333, 2270
Kalaushin D. B., 1412
Kalb S., 4574
Kalcheva S. V., 236
Kalfus K., 2368
Kalikhman V. L., 5538
Kalinichenko I. I., 5157
Kalinin A. I., 5150
Kalinin N. N., 1625
Kalinin V. N., 2545, 3381
Kalinina E. V., 4312, 5384
Kalinina L. S., 656
Kalinovskaya G. A., 3961
Kalinovskaya J. A., 4717
Kalinowski M., 2182, 2183
Kalinovskii E. A., 13
Kalkkinen N., 3678
Kalkwarf D. R., 668
Kallasorg R., 3896
Kal’m E. A., 1008
Kalman J., 1417
Kalmykov S. I., 1290
Kalous V., 316, 2155, 3147, 3148
Kalsbeek G. L., 3570
Kalvoda R., 984, 2874, 2880, 3884, 5636
Kamada K., 3745
Kamakura M., 4564
Kamalov M. Z., 4707
Kambara T., 2147, 5370
Kamel L. A., 4976, 5027
Kamenetskii M. V., 5395
Kamenev A. I., 182, 297, 1993, 2126
Kametani H., 4273
Kamienska E., 619
Kaminskaya E. A., 5980
Kaminskii A. Ya., 352
Kamkin A. N., 5009
Kamo N., 2816, 3377
Kamp Nielsen L., 1130
Kamura Y., 2389
Kamyshchenko S. D., 4949
Kamyshnikova M. N., 4380
Kamzelev G. A., 4880
Kanareitseva A. P., 5161
Kanashin Yu. P., 5297
Kanatharan P., 242
Kanbe A., 3096
Kanaya Y., 1912
Kanda F., 5724
Kandasamy D., 2419
Kane J. P., 716, 3591
Kaneda A., 4177
Kaneda M., 208
Kaneko H., 2133
Kaneko K., 650, 2133
Kanevskii L. C., 5012
Kanevskii L. S., 3716

Kankare J. J., 866, 1340
Kanno M., 5375, 5917
Kano G., 4782
Kano T., 4781
Kanozenko I. D., 5517
Kanturgaeva G. I., 2306
Kanzaki Y., 121, 1175, 4768
Kapadia G., 1005, 3617
Kaper G., 5770
Kapital'nyi V. G., 1452
Kapaln B. Ya., 4057
Kaplan J. C., 1717
Kaplan J. G., 5779
Kaplan N. O., 776
Kaplan S., 2574
Kaplin A. A., 2033
Kaplin A. Ya., 1032
Kapoor M. L., 4219
Kapoor R. C., 3259
Kapralov E. A., 3485
Kar J. N., 3465
Karapetyan J. A., 3424
Karapetyan Yu. A., 647, 4369, 5540
Karaulov A. K., 1586
Karayannis N. M., 2419, 5543
Karbainov Yu. A., 15, 1880, 3824
Karczynski F., 3210
Kardos M., 2618
Karelson M. M., 660, 661, 1489
Kargaudiene A., 1824
Kargin Yu. M., 896, 1769, 4083
Kargina N. M., 4083
Karhonen J. 4150
Karimov R. Z., 4224
Kariv E., 715
Karlberg B., 399, 408, 2223, 2224, 4867
Karlivane V., 753
Karlmark B., 2292
Karlovskaya V. G., 3292
Karlsson J. O., 1657
Karlsson R., 1607
Karminski W., 5336
Karmoliev R. Kh., 1203
Karn R. C., 775
Karnaukh S. I., 3883
Karnaukhov A. I., 1783, 2730, 3751, 4752, 5862
Karoleva T. A., 1888
Karonik V. U., 1064, 2018
Karpachev S. V., 5843
Karpaviciene V., 1135
Karpenko M. G., 1420
Karpovich A. I., 614
Karpukov L. M., 1017
Kartuzova L. T., 347
Karube I., 4143
Karunathilaka S. A. G. R., 964
Karvaly B., 1946, 3027, 5923
Karwecka Z., 3285, 5354, 5355
Karwowska R., 1611
Kasatkin E. V., 3493
Kaschnitz R. M., 3599
Kashcheev B. D., 3970
Kashcheev V. D., 2048, 2939, 2940, 3971, 5009, 5912
Kashik T. V., 1462, 5444
Kashima T., 419
Kashin A. V., 808, 1747, 2704
Kashket E. R., 5470
Kashlinskaya P. E., 5685
Kasinsky H. E., 1633
Kasiyan I. M., 5538
Kasprzak J., 1009
Kassenoor A. A. H., 2587
Kassner R. J., 538, 542
Kastening B., 1589, 2896, 5638
Kas'yanov A. V., 1577
Kat M. B., 4787
Kata H., 1630
Kataeva N. A., 3066
Katagiri A., 203
Katakis D., 1396
Katan T., 2934
Kataoka M., 5370
Katayama A., 2826, 2914, 2915
Katayama I., 2249, 5859
Katayama S., 1957
Katchalsky A., 2386
Katishonok L. A., 753
Kato A., 5360
Kato H., 2779
Kato M., 2271
Kato S., 4502, 4552, 5662
Kato T., 146, 2295
Kato Y., 4755
Katoh N., 4625
Katovic V., 5591
Katsova F. A., 1569
Kattesman F. R. H., 1696
Katz M., 1109, 5645
Katzer E., 5654
Katzir Katchalsky A., 4900, 5974
Kaufman S., 3601
Kaufmann J., 3502
Kawada K., 110
Kawaguchi T., 2594, 2597
Kawai H., 267, 1732
Kawai K., 2543, 5225
Kawai S., 2779
Kawai T., 3325, 4792
Kawai Y., 5362
Kawakami M., 132, 1777, 4834
Kawakita M., 3581
Kawamura K., 44, 4999
Kawamura M., 419
Kawasaki K., 2480
Kawczynski A. L., 2814
Kay C. M., 1688, 2625
Kay R. L., 4375
Kaye C. I., 5793
Kaye J. S., 3708
Kayes J. B., 1627, 1628
Kazakevich G. Z., 4970
Kazakov A. V., 3440
Kazakov P. P., 5588
Kazakov V. P., 1069
Kazakov V. Ya., 5306
Kazakova G. D., 4214, 5256
Kazandzhan B. I., 2420, 3435, 5532
Kazandzhieva P., 3131
Kazarinov V. E., 805, 1770, 2707, 3734, 4711, 4728, 5009, 5819
Kazaryan E. V., 1606
Kazaryan K. V., 5462
Kazaryan N. A., 446, 2325
Kazatskaya L. S., 1106
Kazazian H. H., Jr., 2675
Kazemie M., 4631
Kazemifard G., 373
Kazin A. A., 5610
Kaziro Y., 3581
Kazitsyna L. A., 3351
Ke B., 5450
Ke P. J., 3082
Keckes J., 1243
Keddam M., 897, 5886
Kedem O., 5926
Kedrinskii I. A., 1942
Keen N. T., 1669
Keenan B. S., 1702
Keenan R. R., 5049
Keene I. P., 5478
Keil B., 2632
Keil S., 282
Kein S. S., 1852
Keirns J. J., 1721
Keiser H., 1041
Kekedy L., 3056, 3262
Keller E., 247
Keller H., 3592
Keller P. J., 2635
Keller U., 411
Keller W., 3690
Kellner J. D., 2457
Kelly C. B., 629
Kemeny G., 5923
Kemkhadze Z. W., 3322
Kemula W., 4984
Kenan W. R., Jr., 916, 1930
Kendal A. P., 3675
Kennedy J. H., 2423, 3790, 4801
Kenney J., 4668
Kenny M. A., 3312, 4767
Kenyhercz T. M., 5666

Kepes K. L., 2646
Kerber R. C., 3348
Kerecsendi Gy., 3092
Kereichuk A. S., 1432
Keres P., 3896
Kerouanton A., 200
Kerr M. K., 1671
Kersten D., 3011
Keshisheva G. M., 2524
Kessler M., 5121
Keszthelyi C. P., 3012, 5873, 5874
Ketelaar J. A. A., 5345
Ketrush P. M., 2985
Kew G., 5043
Khac Binh S., 4549
Khachapuridze N. A., 656
Khachaturyan O. B., 2004. 3984
Khachidze O. T., 1649
Khadeev V. A., 1245
Khadikar P. V., 2253, 4199
Khaeva L. Kh., 2735, 3757
Khairetdinov E. F., 612
Khakimov M. G., 958, 4854
Khakimova V. K., 307
Khalifa G., 1338, 1353, 2274, 2302
Khalil I., 441
Khalimov F. B., 3272
Khalkin V. A., 4040, 4041, 4175, 4176, 4209
Khalnokar D. D., 3287
Khalturina T. I., 294
Khamrakulov T. K., 723, 2504, 3536
Khan A. A., 3046
Khan H. R., 4790
Khan M. M. T., 4178, 4237
Khan R. A., 4064
Khandelwal B. L., 5541
Khanina E. Ya., 1889
Khanolkar D. D., 2289, 5408
Khanolkar V. D., 5408
Khanturgaev G. A., 1329, 2306, 4225, 5286
Kharabadzhi I. S., 4074
Kharat'yan A. M., 1998
Kharat'yan E. F., 3590
Kharin A. N., 3066, 3942, 3946
Kharitonov F. Ya., 3894
Kharitonova R. I., 4208
Kharkats Yu. I., 11, 19
Kharlamov V. T., 740, 758, 1686, 2510, 2518
Khar'yanova T. N., 1487
Khaskin B. A., 3130, 4084
Khater M. M., 2274, 2302
Khavskii N. N., 1562
Khedr M. G. A., 882
Kheifets L. Ya., 320, 3116, 4090
Kheifets V. L., 1843
Khekimov Yu., 5295
Khidirov Sh. Sh., 1079
Khilla M. A., 2927
Khimich G. I., 3868
Kishinevskii M. Kh., 3818
Khitrova L. M., 2053
Khlebnikov B. I., 2968
Khlebodarova T. M., 5767
Khmel'nitskaya E. Yu., 346, 5168
Khmelovskaya S. A., 5954
Khodkevich S. D., 3959, 5915
Khokhlov V. A., 4377
Khokhlova I. M., 2766
Khokonova T. M., 1508
Khomchenko G. P., 809, 1736, 2687, 2705, 3765, 4716, 4787, 5342, 5823, 5829
Khomutov N. E., 255, 3950
Khon K. V., 1290
Khonina V. F., 3742, 5850
Khoo K. H., 530, 2229
Khorvat J., 2738
Khorvatkh F., 5127
Khotsyanovskii O. I., 5090
Khotyanovich S. I., 1733, 2470, 2475, 2476
Khranenko S. P., 1528
Khristenko G. S., 2142
Khristianov V. K., 999
Khromov Borisov N. V., 356, 3136, 5169
Khrushcheva E. I., 1064, 4718
Khryatsheviski V. N., 1993
Khurana S. C., 299, 1145
Khusid A. K., 3110
Khutoretsky V. M., 1591, 1592
Khutornoi A. M., 199
Khvorostin Ya. S., 1391
Khyanina A. P., 4248
Kiba N., 5369
Kibirova N. A., 1800
Kicheev A. G., 2037
Kichev G. K., 5747
Kiciak M. W., 4000
Kida S., 620
Kidani Y., 2188
Kidokoro N., 4483
Kiehnast I., 2049
Kies H. L., 986, 1893, 3882
Kihara S., 2501, 2502
Kihara T., 334, 863, 3523, 4792
Kiley M. P., 3675
Kim A. A., 2169
Kim J. W., 3503
Kim J. Y., 3832
Kim K., 3977
Kim K. H., 2417
Kimizuka H., 4360
Kimmerle F. M., 1841
Kimstach V. A., 2322
Kina K., 1359, 2372
Kindel V., 3896
Kindler U., 2564
King J. L., 5717
King O., 5476, 5971
King P. L., 3490
Kinnunen L. J., 4150
Kinoshita K., 1097, 1575, 1739
Kintana M. T., 4977
Kintopf S., 3008
Kintsa Kh. V., 4708
Kiràly R., 4235, 5271
Kirby R. E., 5118
Kirchenkova S., 1371, 2889
Kireev V. V., 2375
Kireeva A. Yu., 4323, 4440
Kirilyus I. V., 5554
Kirin I. S., 4518
Kiriyak L. G., 4065
Kirk B. W., 2883
Kirkland S. D., 1742
Kirkov P., 3870
Kiros G., 5484
Kirov A. S., 5247
Kirov S. M., 573
Kiruchi Y., 5658
Kir'yakov G. Z., 2926, 3797
Kiryukhin I. F., 2613
Kiselev B. A., 1229, 2882
Kiselev D. F., 1490
Kiseleva V. M., 4077
Kishi T., 135, 840, 2517, 3565, 4527, 4585, 5700
Kishida Y., 2321, 2335
Kislenko V. L., 152
Kislyakova L. I., 1001
Kiss L., 168, 902, 1094, 1991, 2013, 2925, 5590
Kiss T., 5271
Kisser W., 5116
Kissinger P. T., 119
Kister P. B., 3530
Kisza A., 616, 1780, 1782, 3412, 5281
Kita H., 1984, 2826, 2914, 2915
Kitagawa T., 274, 314, 3037, 3120
Kitani A., 1937, 2078, 4006
Kitano T., 673
Kitchen D., 1902
Kite K., 1186
Kittaka S., 3423
Kitto G. B., 1719
Kitzingerovà A., 2399
Kivic P. A., 775
Kjekshus A., 3448
Klatt L. N., 3825
Klein G., 1729
Klein S. M., 4626

Kleinberg J., 1316, 1815, 5253
Kleitz M., 2296, 3766
Klement V., 3703
Klemm L. H., 1471
Klepacka M., 5763
Kleppa O. J., 4148
Klima Z., 1225
Klimashin G. M., 3437
Klimek B., 3573
Klimenko A. I., 5715
Klimenko A. N., 1012
Klimenko V. G., 1654
Klimovskikh N. M., 4974
Klinger G. H., 5282
Klisenko M. A., 2168
Kloosterziel H., 3529
Kloss A. I., 4806
Klug O., 3382, 3397, 4924
Klute A., 1413
Klyubin V. V., 2390
Klyuchnikov N. G., 1850, 5400, 5958, 5960
Klyuev B. L., 706, 4540
Klyueva S. G., 2588
Klyukina T. A., 3956
Knaff D. B., 3373
Knake D., 2503
Knesin M. Ya., 4917
Knipovich O. M., 5977, 5978
Knittel D., 1589, 5638
Knittel G., 3306
Knizhnik A. Z., 4605
Knobloch P., 3112
Knodler A., 5597
Knodler R., 1808
Knoechel A., 1624
Knopp J., 3610, 4599
Knots L. L., 808, 1747, 2704, 2717, 5826
Knudsen J., 1723
Knudson G. E., 2892
Knutsen P., 5780
Kobatake Y., 2816
Kobayashi K., 2619
Kobayashi M., 51, 2819
Kobayashi T., 100
Kober F., 3502
Kober V. I., 1351
Kobozev G. V., 2609
Kobrand E. E., 1049, 5894
Kobrehel K., 2553
Kobrova M., 5199
Koch R. W., 4546
Koch U., 282
Koch V. R., 716, 3521, 3776
Kochergina D. G., 2766
Kochetkova A. N., 4205
Kochetova T. I., 406
Kochman M., 2634
Kock R. W., 4550
Kodaira K., 713
Kodama K., 1473, 2323
Kodama M., 3097, 5100
Koebel M., 5508
Koenig D., 3776
Koepsell D., 2076
Kogan N. B., 1037, 1132
Kohl P., 1858
Köhler M., 3006
Kohlmüller H., 3774, 5937
Kohn R., 560
Koike H., 2188
Koinov P. A., 4499
Koiro O. E., 3506
Koiso T., 4434
Kojima R., 169
Kojima S., 741
Kojima T., 1875
Kokado H., 2776
Koker A. H., 1664
Kokina T. A., 721
Kokofuta E., 3569
Kolarik K., 5972
Kolb D. M., 5910
Kolbasov G. Y., 1793, 2789
Kolelilshvili R. I., 2231
Kolesnichenko A. I., 1067
Kolesnikov V. A., 4553
Kolesnikova I. P., 1781, 2949
Kolesnikova L. V., 5093
Koleva M. I., 4591
Kolevatova V. S., 5585
Koliais S. I., 2678
Kolk K. A., 798
Kollar V., 3141
Kolobov N. P., 1434, 2340, 4306
Kolochevskaya M. N., 4605
Kolodyazhnaya N. D., 5564
Kolodyazhnyi Yu. V., 1535
Kolokov B. N., 326
Koloreva E. M., 1087
Kolosov A. S., 4945
Kolosova I. F., 5334
Kolosova M. Kh., 1159, 2120, 3067
Kolotyrkin Ya. M., 56, 58, 83, 2981, 5209
Kolthoff I. M., 1170, 3225, 3096, 3457
Kolyada G. G., 3113
Kolyadko E. A., 793, 4726
Kolzwoska Kolodziej B., 1327, 1332
Komandenko V. M., 123
Komar N. P., 2298, 2357, 4342, 4294
Komarek K. L., 1331, 4131
Komarova K. A., 2266, 5311
Komarova L. A., 2121
Komarova L. I., 1929, 5914
Komarova R. I., 2449, 2450
Komarova T. A., 5512
Komatsu K., 1205
Komatsu M., 139, 149, 179, 215, 286, 292, 1182
Komatsu S., 1361
Komatsu T., 2359
Komelnikova G. A., 161
Komina Yu. A., 3452
Komissarov G. G., 1039
Komissarova L. N., 3255, 4234
Komiya M., 1630
Komleva V. N., 5150
Komoz V., 3629
Konanykina V. F., 198, 1024
Kondo T., 3581
Kondo Y., 674, 3388
Kondrashina V. Z., 1769
Kondrikov N. B., 3000, 3921, 4735
Konev V. A., 4207
Konev V. N., 626
Koneva T. N., 3111
Konichev A. S., 2583
Konig P., 3512
Konigsberg W. H., 5798
Konno H., 4479
Konno N., 2610
Konovala L. V., 1529
Konovalova I. V., 5431
Konrad D., 981
Kon'shin V. V., 3396
Konstantinova K. K., 438, 5299
Konstantinova N. P., 2120
Konstantinosvakaya M. A., 4403
Kontušič J., 3903
Konunova Ts. B., 498, 4256
Kopa M. V., 3431
Kopalin N. G., 3913, 4948
Kopanica M., 306, 2108, 5128, 5152
Kopanskaya L. S., 174, 293, 2122, 3069, 4046
Kopecka B., 2250
Kop'ev A. T., 4958
Kopitsa N. M., 5339
Koppel H. L., 1311
Kopperschläger G., 1718
Koptenko E. P., 4213
Kopwillem A., 3568, 4590
Kopylova G. A., 1197
Kopysov V. A., 1794
Kopytova N. V., 3986
Korant B. D., 4612
Korchagin V. B., 1260, 1459
Korchemnaya E. K., 4588, 5701
Kordesch K. V., 970
Koreckova J., 4303
Korepanova E. A., 4362
Korkina L. G., 4362
Kormano M., 5743
Korneev B. F., 1511

Korneev G. I., 976
Kornev V. I., 4232
Kornienko V. L., 1942
Kornievich M. V., 5879
Kornoprobst J. M., 3547
Korobov M. A., 4498
Korolenko S. D., 1433
Korolev B. A., 570
Koroleva V. A., 3756
Korol’kov I. I., 5564
Korondan I., 1430
Koros E., 1352, 3315, 3341, 3844
Körösi A., 1991
Korotia V. I., 3044
Korotkin Yu. S., 5881
Korotkoruchko V. P., 3640
Korotkova P. I., 3173, 4173
Korovin N. V., 80, 3961
Korshak V. V., 2375
Korshunov I. A., 256, 5376
Korshunov V. N., 1981, 2447, 2692
Koryta J., 264, 1029, 1121, 1151
Korytko P. K., 1247
Koryttsev K. Z., 5154
Koryukova V. N., 5313
Koryukova V. P., 2277, 4230
Kosaka K., 1698
Kosar L. M., 1194
Kosenko V. A., 691, 2801
Koshelev K. K., 1056
Kosheleva L. P., 5206
Kosheleva M. V., 3335
Kosikhin L. T., 4488
Kosinov I. R., 4928
Koskimies A. I., 5743
Kos’minykh O. K., 4335
Kosovac M., 2348
Kosta L., 1034
Kostantinova E. N., 144
Kostromin A. I., 1613, 2025, 3928
Kostromina N. A., 1152
Kosturiak A., 372, 3135
Kostyleva V. S., 1239
Kostynyuk V. P., 598
Kosyk L. A., 4082
Kotani T., 2335
Kotegov K. V., 5398
Kothe G., 232, 233
Kotlov Yu. G., 201, 3998
Kotlyar A. G., 4409, 4421
Kotlyar G. I., 2196
Kotok L. A., 337, 368, 3133
Kotov B. V., 3463
Kotova N. A., 3031
Kotzeva Chyla A., 3706
Koul M. K., 3246
Kovac J., 3141
Kovačova Z., 4058
Kovács F., 3397, 4924
Kovacs I., 3056
Kovacs P., 5452
Kovacs Yu., 3062
Koval E. Z., 2355
Koval’chuk E. P., 4544
Koval’chuk L. I., 2277
Kovalenko T. A., 4109, 4110
Kovalenko V. S., 1569, 2010
Kovalenko Yu. A., 1333, 2270
Kovalev S. E., 4096
Kovalevskaya N. I., 2583
Kovalevskii A. V., 4816
Kovanova S. V., 1374
Kovbuz M. A., 1194, 1206
Koviljka K., 4647
Kovrova L. A., 3327
Kovsman E. P., 2484
Kovtun V. I., 1586
Kovtun V. N., 9, 2859
Kowal A., 1104, 3025
Kowalski J., 3084
Kowalski Z., 296
Koyama K., 4798
Koyama Y., 1044
Kozachenko E. V., 2920
Kozhenkov V. P., 1172
Kozhoubarov V. S., 645
Kozhurkina I. A., 4383
Kozin L. F., 125, 1049, 5894
Kozlenko A. A., 1155
Kozlenko F. N., 4313
Kozlov M. V., 2939, 2940
Kozlov V. M., 5602, 5630
Kozlov Yu. A., 1407
Kozlov Yu. N., 1229
Kozlova I. V., 3104, 3146
Kozlova R. L., 1839
Kozlowska-Rog A., 3298, 4307
Kozlowski Z., 1000, 1312, 1493, 2352
Kozmina Z. P., 3869
Kozorin L. G., 5249, 5401
Kozuka Z., 1361, 2249, 4779, 5246, 5353, 5859
Kozyakova T. N., 1449
Kozyukov A. N., 220
Kraev V. I., 3270
Kraevskaya E. A., 5521
Krajča M., 5972
Krajewska A., 616, 3412
Kralik O., 5921
Kramarenko D. M., 886
Kramarenko L. M., 1531
Kramp E., 2767
Kranck H., 4875
Krannich R., 2109
Krantz M. J., 4682
Krapivkina T. A., 94, 4964
Krapivnyi N. G., 2754, 2755
Krasil’nikova M. A., 4818
Krasnikova L. Ya., 709
Krasnokutskaya D. M., 365
Krasnoperov V. M., 1787
Krasnosel’skii V. N., 1284
Krasnov B. A., 4309
Krasnov Yu. N., 4257
Krasnova N. N., 809, 2705, 5823, 5829
Krasnova T. A., 833
Krasnovskii A. A., 1604
Krasny Y., 4934
Kratochvil B., 3398
Krause H., 5721
Kravchenko A. M., 3151
Kravchenko N. Ya., 5385
Kravchenko T. A., 5443
Kravchenyuk L. P., 5085
Kravetskii G. A., 1369
Kravtsov V. I., 537, 1185, 1914, 4205
Krawczyk A., 754
Krawczynski J., 1663
Kredlich N. M., 1702
Kreshkov A. O., 2509
Kreshkov A. P., 488, 583, 635, 1329, 1339, 1399, 2266, 2306, 2325, 3339, 4218, 4312, 4316, 5286, 5334, 5384
Krestov G. A., 1435, 2832
Krestovnikov A. N., 476
Kreter R. N., 5697
Kretschmer E., 5148
Krichevskii E. S., 1008
Krinsky V. I., 5465
Krisch K., 4680
Krishnamoorthy C. R., 5268
Krishnan V. R., 4572
Krishtalik L. I., 1979, 2991, 4468, 4472, 4943, 4946, 4947
Krishtopa P. P., 1817
Krista M. Z., 2671
Kritchevsky D., 4681
Kriven’kii V. P., 3971
Krivki L. L., 2208
Krivneva G. G., 5443
Krivokhizhina L. A., 5397
Krivtsov A. K., 4477
Krivtsova E. V., 4522
Krivusha Yu. V., 1586
Kriz K., 5135
Kriz N., 1291
Kroger F. A., 1319
Krogsrud S., 5035
Krogulec T., 5868
Krol I. O., 4997
Krommelbein R., 1905
Kronenberg M. L., 5477
Kropivnitskaya R. A., 1250, 4562
Kropotova N. V., 4756, 5834
Krotova V. A., 5157
Kroupa J., 557, 2218

Kruck T. P. A., 924, 1305, 1306
Krueger E., 3671
Krueger I. A., 2291
Kruglikov S. S., 4530, 5588
Kruglitskii N. N., 3901, 4126
Kruglova E. G., 159
Kruhac I., 463
Kruiswijk T., 3570
Krumgal'z B. S., 1391, 1488, 2403
Krumholz P., 5033
Krumlova L., 3258
Krunchak E. G., 1391, 2403, 5490
Krunchak M. M., 4397
Krunchak V. G., 1391, 3313, 5393
Krundel V. Kh., 653
Krungal'z P. Ya., 5490
Krunikov B. D., 1750
Krupatkin I. L., 1532, 1533
Krupskii N. K., 1414, 4297
Krushcheva E. I., 2018, 2960
Kryachko V. B., 2818
Krygowski T. M., 2097
Krylov V. S., 959, 3033
Krylova E. S., 3597
Krysenko A. D., 647, 4369, 5540
Kryuchkova E. I., 3525
Kryukov P. A., 4389, 5498
Kryukova N. P., 1274
Kryukovskii V. A., 683
Krzewska S., 5407
Krznaric D., 281
Ksenzhek O. S., 13, 2090, 4844
Kuan S. S., 1466
Kubasov V. L., 3383, 4872
Kubel M., 5812
Kublanovskii V. S., 5629
Kubo S., 4625
Kubokawa M., 4799, 5329
Kubota K., 5754
Kuchanov S. I., 5933
Kucherov V. F., 3110
Kucheryavaga E. V., 288
Kuchta K., 1913
Kucsera Papay M., 563, 4328
Kudinov P. I., 1156, 2127
Kudra O. K., 142
Kudryashov I. V., 1825, 2919, 3913, 4948, 4949
Kudryavtsev E. K., 976
Kudryavtsev N. T., 2465
Kydryavtsev Yu. D., 2471
Kudryavtseva N. M., 960
Kudyakov V. Ya., 4257
Kugler E., 596, 2396
Kugler K., 4927
Kuhn A. T., 2867, 2972, 4511
Kuhnert B. R., 3379
Kuidina V. P., 3513
Kukes S. G., 5180
Kuklin R. N., 2798, 5870
Kukushkin Yu. N., 1437, 1529, 4309, 4478, 4532, 5398, 5420
Kukushkina V. A., 1185
Kulaeva L. V., 5582
Kulagina N. G., 4243
Kulakov V. N., 2497
Kulakovskaya S. I., 5016, 5023
Kulandaivelu V., 4122
Kul'bitskii G. N., 5582
Kuleshina L. M., 4793
Kuleshov V. I., 1087
Kuleshov V. P., 2394
Kulesza A., 1126
Kulev I., 3158, 3159, 4120
Kulhavy R., 1683
Kuliev A. A., 2279
Kuligin V. M., 5701
Kulikova L. F., 1333
Kulinich V. I., 3849
Kulkarni A. D., 1294, 1295
Kulkarni A. V., 4991
Kulkarni R. D., 3897
Kulokov V. N., 1603
Kulsky L. A., 1743, 4714
Kumar A., 268, 329, 911, 2117, 3055
Kunaev A. M., 5348
Kundu K. K., 4142
Kunev S. G., 5966
Kunimatsu K., 14
Kunin L. L., 1380
Kunitake T., 1179
Kunke S., 2310
Kunst B., 845
Kunz W., 1230
Kuprin V. P., 2710, 3729
Kuprina R. V., 4253
Kupryszewski G., 3210
Kurata K., 4502, 4552
Kurbatov D. I., 3072, 5131
Kurbatova V. I., 176
Kurchenko T. V., 1339
Kurella G. A., 1952, 5466
Kurihara T., 2376
Kurilenko O. D., 592
Kurin M. N., 1965
Kurina L. N., 4270
Kuriya Y., 513
Kurkina L. G., 102
Kurkina N. I., 5325
Kurland C. G., 3596
Kurnikov B. D., 802, 2986, 5913
Kuroda D., 501
Kuroda K., 5353
Kuroda T., 611, 4999
Kuroedov S. K., 1133
Kurokawa K., 601, 654, 1501, 1502, 3459
Kurosawa S., 4585
Kurov G. N., 3436
Kurova T. I., 5493
Kusabayashi S., 4456
Kusakabe K., 5957
Kusano Y., 4527
Kushalnikov V. T., 1274
Kushchenko V. V., 4156
Kushnev V. V., 2717
Kustova N. A., 1439
Kusumi F., 5613
Kuta J., 6, 1077, 1100, 1151, 4729, 5110
Kuteinikov A. F., 2019
Kutner W., 3988
Kutowy O., 2493, 4005
Kutscher J., 640
Kutsenogii K. P., 3111
Kutseva V. S., 646
Kuttel D., 1417
Kuura H., 5438
Kuwabara K., 3416
Kuwabara T., 140, 171, 204
Kuwahara S. S., 1142
Kuwana T., 1830, 4007
Kuzenkova L. P., 1788
Kuzhel A. M., 2215
Kuzina R. I., 2949
Kuzkaev V. T., 3074
Kuz'micheva A. V., 4027, 5838
Kuz'min L. L., 4522
Kuznetsov A. P., 4411, 5515
Kuznetsov B. A., 3735
Kuznetsov G. F., 1960
Kuznetsov S. G., 4346
Kuznetsov S. I., 4499
Kuznetsov V. A., 201, 2203, 3144, 5176
Kuznetsov V. V., 1399
Kuznetsova E. M., 415
Kuznetsova L. V., 1640
Kuzovenko S. V., 5858
Kuzyakin E. B., 4251
Kvamme E., 2653
Kvaratskheliya R. K., 2031, 3962
Kvasha N. M., 3343
Kveselava V. M., 3979
Kvyatkovskaya E. F., 5548
Kvyatovskaya L. V., 3835
Kwak, I. C. T., 2241
Kwapulinska G., 1225
Kwee S., 263
Kwon L. M., 3503

Labaznikova M. G., 1274
Labib Ghali E., 2426
Lacan M., 366, 717
Lachenal D., 219, 241, 1038

Lacova M., 1217
Ladányi L., 2077, 2081
Ladenson J. H., 3237
Ladle R. O., 2244
Ladozhina Z. I., 1846
Lagraulet J., 765, 2581
Lagrou A., 1124
Lagu A., 3121
Lahiri M. M., 743, 744
Lai M. M. C., 3703
Lainer D. I., 1064, 2018
Lainer V. I., 699, 5007
Laitinen H. A., 3773, 4988
Lajain H., 120
Lake R. S., 5757
Lakeeva T. N., 3545
Lakshmanan S., 2872
Lakshmınarayanaiah N. K., 2772
Lal H., 2708
Lal S., 268, 280, 2123, 2944, 4024, 4044
Lam K. W., 1706, 3685
Lam S. Y., 1541
Lamb R. E., 3166
Lambert Andron B., 3442
Lambertsson A. G., 1644
Lamotte A., 3349
Lamport D. T. A., 2660
Lampugnani L., 36
Lamy C., 2794, 4850
Lamy E., 3002
Lanchantin G. F., 5775
Landan I. N., 2231
Landis R. T., 2989, 5046
Landolt D., 5039
Landresse G., 522
Landry J. C., 398
Landsberg R., 3724
Landy A., 2672
Lane R. F., 3725, 3726
Lang J. A., 3657
Lange A. A., 5004
Langer S. H., 3500
Langhus D., 2892
Langmyhr F. J., 3252
Lankina T. A., 1211
Lanning J. A., 3917, 4747
Lantratov M. F., 5232, 5242
Lantz P. M., 1971
Lanyi S., 5844
Lanza P., 4022
La Palme D. W., 5282
La Porta E., 1474, 3354
Laprade R., 2852
Lapshina A. E., 2455
Lapshina G. L., 3761
Lapshina L. A., 2214
Lara Ricalde R., 3470
Larin V. I., 1822, 1823
Larionov E. G., 4389, 5498
Larochelle J., 724
La Roy B. C., 2947, 3264
Larroude M. F., 1200
Larsen C. J., 2680
Larsen P. H., 2677
Larson R. W., 2217
Larson T. M., 5298
Lasavichene I. A., 5619
Laser D., 2011, 4987, 5920
Lasia A., 5068
Laskowski M., 4629
Lasne C., 3788, 3792
Lasota O., 2874
Lassocinska A., 832
László Z., 4763
Latham R. J., 2743, 5901
Latner A. L., 4639
Latrous H., 5690
Laudat M. H., 1717
Laudat P., 1717
Laurell C. B., 3608
Laurent A., 3510, 4535
Laurent D., 2042
Laurent E., 3510, 4535
Lautier A., 2042
Lavergne D., 3670
Lavergne M., 2282
La Verne Szabo, 3312
Lavintman N., 2663
Laviron E., 257, 1107, 2154, 2481, 4784, 4851, 4852
Lavrenko V. A., 2920
Lavrik N. G., 5089
Lavrinenko V. I., 4476
Lavrov V. A., 2146
Lawson R. J., 5856
Lazar J., 3643
Lazarev N. V., 3268, 5305
Lazareva N. K., 1452
Lazar Jucu D., 4432
Lazarova E. M., 871
Lazennec Y., 3788, 3792
Lazzari M., 5630
Lebedev A. V., 2439
Lebedev I. A., 3506, 3507
Lebedev O. A., 161
Lebedev O. P., 1370
Lebedev V. A., 1351, 1944, 2320, 3302, 4816, 4974, 5297, 5315
Lebedev V. B., 3986
Lebedeva L. V., 1572
Lebedeva M. I., 2219
Lebedeva V. N., 950
Leblanc A., 2565
Le Blanc P. J., 1292, 5244
Le Cars Y., 3792
Lechner J., 3335, 3887
Lecroisev A., 5813
Lecuire J. M., 1084, 1085
Lederer M., 3562, 5699
Lederman M., 2555
Ledovskikh V. M., 5090
Leduc P., 2086
Leduc P. A., 3399
Lee C. Y., 1645
Lee D. G., 1468
Lee D. W., 4676
Lee E. Y. C., 2670, 4698
Lee H. M., 4430, 5545
Lee J. A., 1773, 1774
Lee J. B., 1999
Lee R. E., Jr., 1995
Lee R. S., 5365
Lee R. W., 2984
Lee T. S., 1980
Lee W., 3312
Lee W. H., 1404
Leedy D. W., 1114
Leest R., 731, 5672
Lefbevre F., 765
Lefler A., 1614
Leftin J. H., 3517
Legg K. D., 1142
Legittimo P., 1201
Legler Ch., 4778
Legocki A. B., 5814
Le Guillanton G., 2158, 2170, 5173
Legzdins P., 2283
Lehmann H., 770
Lehmkuhl H., 698, 700, 3008
Lehninger A. L., 1552
Lei K. P. V., 692, 3492
Leibovich D. M., 4553
Leibovitz J., 5877
Leibzon B. N., 2716, 3113
Leigh H., 4932
Leigh J. S., 3366, 5454
Leighton D., 4594
Leikis D. I., 1772
Leiser M., 4367
Leites S. Sh., 198, 1024, 2921
Lejay E., 2454
Lektorskaya N. A., 2143
Lelievre D., 2070
Lelikov Ya. A., 2919
Lemahieu G., 3336, 3337, 5678
Lemahieu Hode C., 3336, 3337
Lemahieu C., 5678
Lemoine P., 1173, 2148, 2976
Lendermann B., 1048
Lenetskii V. A., 3122
Lengyel B., 3877
Lenkis D. I., 5847
Lenoir F., 5589, 5872
Lenoir J., 130
Lenoir J. M., 1867
Lentsner B. I., 5826
Leonesi D., 3401
Leonidova G. G., 2425
Leon Lopez E. G., 1265
Leonov S. B., 3905, 4354
Leonova L. S., 2740
Leont'ev Yu. A., 4278
Leont'eva R. G., 2260

Leovac V. M., 393
Lepin L. K., 5488
Lepinskikh V. B., 1794
Lepkova D. P., 5559
Leporati E., 1307
Leporskaya E. A., 59, 117
Lepretre M., 5761
Lepri L., 2085, 2519, 5063, 5064
Lerner M. W., 730
Leroux P., 298
Leroy G., 5075
Leroy M. J. F., 5371
Leroy R. L., 4807
Lesiak T., 569
Lesourd J. B., 1283, 1803
Lestrade J. C., 1746
Leszko M., 4295
Letowski F., 1327, 1332
Leubbers D. W., 1068
Leuchte W., 698
Leus V. I., 1001, 4922
Leushina A. P., 5338
Le Vaguerese S., 417, 3232
Levason W., 4443
Le V'èt Ba, 2742
Levi M. D., 5016
Levin A. I., 3964
Levin I. A., 220, 2766
Levin Ya. A., 3508
Levin V. I., 4805
Levine D., 3621
Levine H. A., 3842
Levine S., 23, 61, 67
Levinson I. M., 2491, 2717
Levistskii V. A., 5295
Levit D. I., 172, 4982
Levitov C., 1626
Levitskaya N. K., 1512, 1513
Levshina T. A., 2356
Levy H. B., 5720
Levy M., 1128, 2804
Levy M. N., 1655
Levy R., 2386
Levy R. I., 3607
Lewak St., 5784
Lewandowska T., 1213, 2202
Lewandowski R., 3278, 4262
Lewin V. H., 3924
Lewis D., 5250
Lewis D. R., 3825
Lewis K., 733, 735
Lewis L. A., 4627, 4637
Lewitova A., 3147
Lexa D., 4070
L'Her M., 1987
Li C. Y., 961, 1706, 3685
Li N. C., 2116
Li O., 3685
Liang C. C., 3384
Libera L., 2436, 3462
Libert M., 251, 2494, 5071
Liberti A., 1297, 3362, 4918, 5406
Liberti J. P., 2628
Libus W., 1520
Licci F., 4978
Lichev V., 993
Lichum H., 5033
Licis J., 4361
Lidorenko N. S., 3907
Liebe S., 5812
Lieberman S. H., 3939
Lieberman S. I., 3785
Liebscher H., 1585
Liégeois C., 301, 3071, 4051
Lier E. F., 336
Lietzke M. H., 477
Lifanova T. A., 3947
Lifson S., 4870
Lifton G., 91
Light T. S., 5210
Likhachev V. A., 252
Likhamov M. Kh., 2169
Likhitskii M. Kh., 748
Likhouzov V. N., 659
Lilin S. A., 2690, 2693
Lilly A. C., 2947, 3264
Lim B. S., 1153
Lim M. C., 1302, 5262
Limberg C. H., 5916
Lin J. L., 4164
Lin W. Y., 5153
Linde A., 2525
Linde J., 4437
Lindgärde F., 2579
Lindgren F. T., 3607
Lindholm B., 1720
Lindner E., 431
Lindquist J., 173, 2088, 2300, 5031
Lindsay J. G., 5454
Line L. L., 5656
Lingaiah P., 4344
Linhart K., 266
Link H., 4660
Linke K., 5721
Linklater P. M., 1416
Linnet N., 5676
Lintvedt R. L., 5129
Lipchinski A., 3497, 3498
Lipcsey S., 2134
Lipis B. V., 1067
Lipko S. Kh., 5127
Lipkowski J., 3978
Lipovskii A. A. 2427
Lippolis M. T., 4022
Lipsztajn M., 2097
Lis W., 1000
Lisenenkov A. A., 3400
Lisenenkova S. B., 3400
Lishanskàya A. I., 3707
Lisienko D. G., 2875
Lisitsina E. V., 275
Liska F., 3511
Liss P. S., 1425
Lissitzky S., 4672
Lister R. M., 3622
Liteanu C., 445, 918, 1443, 1457, 2255, 2941, 3168, 3177, 3187, 3216, 3219, 3220, 3221, 3222, 3223, 3228, 3557, 4141, 5211, 5327
Litovchenko K. I., 73, 1885
Litovko A. S., 1549
Litovska G. G., 5966
Litt M., 3874
Litt M. H., 1547
Little C. J., 2157
Litvin F. F., 1604
Litvinenko V. A., 2469
Litvinova L. V., 4156
Litvinova N. F., 1380
Litvishko N. P., 5587
Liu C. S., 4665
Liu E. H., 2660
Liukkonen S., 5491
Liventsev V. P., 1523
Livshits A. B., 680
Lizogub A. V., 339, 2185
Ljiljana S., 4647
Llenado R. A., 2353
Lloyd M. K., 1075, 2047, 2051, 2062, 5017
Lochert P., 3007
Lockyer P. C., 2312
Lodding A., 3556
Lodish H. F., 786
Lodzinska A., 3387
Loeb L. A., 2665
Loegering D. A., 2554
Logacheva L. I., 1735, 5818
Logachiova L. I., 1735
Logan R. A., 3486
Loginov N. A., 3276
Loginova L. G., 3590
Loginova N. F., 1196, 5059
Logunova L. I., 141
Loichenko V. Ya., 4251
Lokshtanova O. G., 159
Lomakina T. P., 3066
Long G. L., 776
Long M., 1669
Longchamp S., 5071
Longhi P., 1318, 2237, 4161, 4165
Longo V., 3429
Longuet P., 5949
Lonvaud M., 2290
Loodmaa E., 5438
Lopez B., 214
Lopez Fonseca J. M., 1036, 2132
Lopukhova I. P., 1255
Lopushanskaya A. I., 4300
Lorenz W., 3812
Lorenz W. J., 796, 1115, 1848, 2979
Lorenzini L., 2052

Lorkin P. A., 770
Los J. M., 4848
Loschen G., 2378
Losev A. V., 2716
Losev V. V., 82, 144, 222, 225, 823, 1054, 1805, 1844, 1997, 2016, 5893
Loshkarev M. A., 951, 1144, 1760, 1919, 2729, 4025, 5838
Loshkarev Yu. M., 53, 680, 1035, 1569, 2010, 2710, 3729
Loshkareva N. I., 1403
Lozsa A., 2582
Lototskaya E. A., 1134
Lotz R., 2601
Loučka T., 190, 2739, 2863
Louis L., 3587
Loutfy R. O., 1741, 3477, 3479, 5158
Louzos D. V., 878
Lovecchio F. V., 5591
Lovell W. J., 3637
Lovenberg W., 4682
Lovering D. G., 3058, 4905
Lovetskaya G. A., 5484
Lovreček B., 845
Lowe B. M., 1410, 2234, 4153, 5432
Lowe K., 3878
Lowson R. T., 4222
Lozhkin B. T., 861, 862
Lozovan G. K., 1637
Lu C. C., 5885
Lubaszka E., 4277
Lübbers D. U., 1068, 2963
Lubenskii A. P., 4783
Lubensky A. P., 5959
Lubrano G. J., 2001, 4124, 4129
Lubyshev F. V., 4833
Luca A., 4437
Lucan M., 1218
Lucken E. A. C., 3530
Luduena R. F., 3654
Luebbers D. W., 2963
Luettgau H. Ch., 5577
Luft H., 1578
Lugovskaya E. S., 1525, 1526
Lukashenko G. M., 1395, 5335
Lukevits E. Ya., 5444
Lukevits O. K., 5560
Lukin E. G., 2926, 3797
Lukkari H. K., 2319, 3267
Lukkari S., 1475
Lukkari U. O., 2837, 3267
Lukomskii Yu. Ya., 5584
Luk'yanitsa V. G., 1470
Luk'yanycheva V. I., 198, 1024, 2921, 5826
Lum L. G., 5449
Lumme P. O., 4150
Lund H., 263, 2186
Lundahl P., 4578
Lundén A., 4762
Lundquist G. L., 3754, 5866
Lundquist J., 1097, 1854
Lundsgaard J. S., 4415
Lundstrom I., 1776
Lunyaka K. V., 5448
Luong L., 2932
Lutfullaev E., 3536
Lüthy H., 5945
Lutskii A. E., 248
Lux H. D., 2243, 3184, 3185
Luzgin V. P., 1523
Luzhnaya N. P., 5496
Luzzi L. A., 5239
L'vova L. A., 2749, 5857
L'vova T. I., 2428, 3313, 5393
Lyakina N. Ya., 2356
Lyalikov Yu. S., 5102
Lyashenko V. I., 1330, 1364
Lyazgin B. I., 163
Lych N. I., 5815
Lykakis J. J., 2623
Lyklema J., 2689
Lynch J. F., 1509
Lynn K. R., 3352
Lynn M., 1287
Lynn W. S., 2534
Lyon J. A., 5799
Lysenko O., 3612
Lysenko V. I., 275
Lysova A. M., 4945
Lyubashenko I. I., 1525, 1526
Lyubimov V. N., 3406, 4411, 5515, 5692
Lyubimova E. D., 1597
Lyubushkin V. I., 1079, 2036
Lyubushkina E. T., 2036
Lyumkis I. R., 1997
Lyutik N. N., 1273

Ma I. K. H., 2116
Ma S. K., 3048
Ma T., 2561
MacBride R. G., 1701
Maccà C., 447, 4193
MacDonald A., 2913
MacDonald D. D., 407, 1262, 2980, 4134, 4962
MacDonald H. C., 952
MacDonald K. I., 1999
MacDougall B., 2784
MacDougall C. S., 738
MacGillivray A. J., 5722
Machálek V., 4441
Machida S., 5225
Machne X., 5917
Mackay J. W., 2938
MacKenzie S. L., 1656
Mackey M. D., 3719, 4724
Mackus T., 3771
MacLeish J. H., 5877
Macleod I. D., 2125
MacLeod K. E., 527, 1995
Madan G. L., 4794
Madden M. L., 4265, 4266
Madeira V. M. C., 1658
Màdi I., 5950
Maeda M., 4314
Maeder Ch., 5770
Maekawa N., 2372
Maertens W., 2101
Maestracci D., 5729
Mager W. H., 3570
Magistris A., 3181
Magnani N. J., 5341
Magno F., 212, 1557, 2087, 5337
Magon L., 1406, 3277, 4289
Maguire J., 2559
Mahadevappa D. S., 5509
Mahajani A. V., 5111
Mahesh V. K., 443, 5284
Mahoney K., 2316
Mahr H., 389
Maidanskii V. A., 3904
Maienthal E. J., 276
Maiorov D. M., 4248
Maiorova A. F., 4255
Maiorova E. A., 2238
Mairanovskii S. G., 896, 2098, 2178, 2716, 3113
Mairanovskii V. G., 1196, 2491, 5059, 5182
Mairesse-Ducarmois C. A., 4573
Mairorova T. A., 1442
Maisel J., 3703
Maistrenko V. N., 1149, 4032, 5092
Maiti H. S., 1521
Maizus Z. K., 4031
Maj M., 4262
Maja M., 5403
Majer J., 1301, 2250
Majer V., 492, 1973
Majumdar A. K., 1564, 3439, 5546
Majumder M. N., 5544
Makagonova N. N., 3868
Makarenko B. K., 671, 5487
Makarevich N. A., 4335
Makarov G. V., 5249, 5401
Makarov V. A., 1166, 2136, 2137, 2750
Makarova A. I., 1134
Makarova L. M., 2015
Makarova N. G., 699
Makarova T. P., 750, 1619, 1620
Makaryan E. M., 4949
Makasheva I. E., 5276

Makhailova N. K., 4252
Makharova S. V., 3350
Makhmudova L. M., 2146
Makhnyr N. V., 3482, 4490, 5596
Maki A. K., 5507
Maki N., 4071, 4073, 5081
Makinen P. L., 1692
Mäkitie O., 3241
Makkay C., 332
Makkay F., 332, 923, 3262
Maklakova Z. P., 294
Makogon Yu. O., 2471
Makolkin I. A., 3913, 4948
Maksimenko M. N., 1819
Maksimenkov N. V., 5604
Maksimishin M. D., 978
Maksimov A. I., 5970
Maksimov D. B., 5206
Maksimov V. K., 111
Maksimov Yu. M., 1978, 4955
Maksimyuk E. A., 4837
Maksimyuk N. I., 2720
Maksin V. I., 4233
Makwana S. C., 3795, 5942
Malakhov V. A., 2211
Malakhova E. E., 3868
Malandin O. G., 2065
Malatesta F., 2248
Malaya R. V., 680, 1569, 2010
Maldonato J. E., 2554
Malegina N. D., 3463
Maletina I. I., 1280
Malev V. V., 5895
Mal'gina G. I., 5647
Malhotra K. C., 2434
Malienko E. I., 1354
Malienko V. N., 959
Malik A. U., 5419
Malik W. U., 380, 429, 5192
Malinina R. D., 5086
Malkes L. Ya., 4090
Malkin R., 3373, 4358
Malkina R. I., 5915
Malkov A. A., 5479
Mal'kov E. M., 1998
Malmquist J., 2579
Malmsten L. A., 4244
Maloff B. L., 4366
Malone T. L., 5367
Malov L. V., 1850
Malova N. S., 5518
Maloy J. T., 5856
Malt R. A., 4602
Mal'tsev G. I., 1965
Mal'tseva A. B., 3482, 5596
Mal'tseva L. V., 3109
Malyavinskak O. N., 5142
Malysa K., 4733
Malyugina N. I., 1237, 5154
Malyuta V. F., 2951
Mamakov A. A., 3922, 5058
Mamantov G., 186, 187, 234, 1102, 1103, 3960, 5021, 5405
Mambetkaziev E. A., 289
Mamchich A. P., 5089
Mamedov A. N., 2279
Mamedova V. M., 3122
Mamontova L. N., 2573
Mamulova N. S., 3918
Manankova G. S., 1736, 2687
Manchanda V. K., 4288
Manczyk R., 3165
Mandl J., 1991
Mandrou B., 4292
Mandzhgaladze, 4453
Manea M., 5224
Manecke G., 1548
Manek B., 4132
Manenkov M. I., 1402
Mangala J. C., 5772
Mangili F., 1697
Mangiuca M., 2383
Mani R. S., 1688
Manjrekar S. K., 5441
Manju Singh 5412
Mank V. V., 592
Manley J., 3702
Manning D. L., 186, 187, 2035, 5021, 5405
Manning G. S., 3833
Manning P. G., 5304
Mannonen J., 2837
Manohar G., 4062, 4734
Manok F., 3092
Manopova L. Z., 5858
Manoušek O., 2176, 2881
Mansfeld F., 3820, 3822
Mansfield F., 5952, 5956
Man'shikova I. V., 3540
Mansurov G. N., 1956
Mansurova I. D., 3150
Mantri R. Y., 2942
Manuele R. J., 4115
Manuilova T. A., 1067
Many R. S., 2625
Manzurin B. V., 2356
Manzurov V. D., 4336
Maracewicz A., 977
Marachevskii A. G., 2235
Marandiuc D., 3076
Marassi R., 122
Marchenko N. A., 5127
Marchesini A., 2658
Marchidan D. I., 521, 3301
Marcote R. V., 1013
Marcotrigiano G. O., 5520
Marcoux L., 2727, 4843
Marcu G., 2515
Marczewski C. Z., 3307
Marczewski W., 3025
Marecek V., 2765
Marek V., 349, 2179
Maresca L., 3277
Margalit R., 2377
Margarida R., 3639
Margel Sh., 1128
Margerit J., 2804
Margolis J. A., 2840
Margotin P., 3788, 3792
Margrave I. L., 1360
Marin D., 2195
Marina V. S., 3070
Marincek B., 3288
Marinov M. R., 645, 1517
Marinsky J. A., 5262
Mark H. B., Jr., 3121, 5666
Markelova L. N., 3758
Markhabaev I. A., 388, 3153, 5196
Markin V. S., 4847
Markina L. V., 5556
Marklund S., 4679
Markman A. L., 1214
Markos'yan G. N., 1997, 2016
Markov B. F., 3407, 4251
Markov V. K., 4568
Markova I. G., 3129
Markova I. V., 2057
Markovic T., 1265
Marks J. S., 2667
Markuszewska H., 3210
Marone C. B., 350
Marounek M., 5389
Marsalova V., 5185
Marsh D. G., 3552
Marshall A., 2743, 4492, 5901
Marshall J. S., 3634
Marsoner H. J., 2239
Marta F., 2738
Martel M. B., 3602
Martelli M., 223, 1052, 3985
Martens H. H., 5343
Martin C., 4292
Martin D., 2971
Martin R. F., 1892
Martin R. L., 3045
Martin R. P., 5013, 5014
Martin Y. C., 3352
Martinas M. E., 4467
Martinat Perrier O., 2054
Martinez C., 1804
Martinez Calatayud J., 3323
Martinez Lozano C., 1254, 5198
Martinot L., 550, 1786, 2345, 3996
Martinyuk G. A., 2687, 3765, 4716, 5342
Martirosov S. M., 5462
Martisius Y., 2967
Martka M., 4123
Marton L. S. G., 3634
Martosudirdjo S., 4226
Martvon A., 3086

Martynenko L. I., 3273, 4232
Maru Y., 674
Masaki T., 4661
Maschler R., 3596
Mascini M., 3362, 4918
Mashburn T. A., Jr., 756
Mashevskii G. N., 1251, 1388, 5436
Mashkova L. P., 1597
Mashkovich L. A., 2019
Maslennikov V. L., 4067
Maslii A. I., 2721, 3482, 4490, 4993, 5596, 5845
Maslikova M. A., 432
Maslov E. I., 4478, 5432
Maslov L. P., 504, 1162
Maslov V. A., 3217, 4196
Mason R., 2062
Mason T. L., 5810, 5811
Mason W. D., 1105, 5239
Massart D. L., 427, 2392
Massoumi A., 3252
Masszi G., 2400
Masters B., 4957
Mastragostino M., 3969, 3976
Mastryukova T. A., 5423
Masuda Y., 292, 3260
Masuguer J. R., 4418
Masui M., 1120, 5045, 5067
Masuzawa M., 3615
Matei P., 1853
Matei Tanasescu S., 3301
Mateiovici O., 3769
Materova E. A., 1320, 3183, 5346
Matheson I. A., 3194
Mathur H. B., 4174
Mathur M. M. S., 1617
Matiásovsky K., 677, 2404, 3391, 3392
Matov B. M., 1864, 2446
Matrka M., 394, 572
Matskevich E. S., 1743, 4714
Matsola M. V., 142, 5892
Matsubara Y., 2406, 3403
Matsuda A., 835, 836
Matsuda H., 117, 1375, 3826, 4584, 4853
Matsuda I., 129, 137, 221, 4713
Matsuda T., 3662
Matsuda Y., 3941, 5670, 5957
Matsui H., 2460
Matsui T., 5425
Matsumoto K., 610, 1897, 2483, 3516
Matsumoto T., 3910
Matsuo K., 2950
Matsuoka M., 2483, 2850
Matsushima T., 3863, 3864, 3865
Matsushita H., 400, 525, 5235
Matsuyama Y., 2480
Mattern W. C., 1509
Matthaei H., 4631
Matthews W., 4088
Mattson J. S., 4740
Mattson R., 4762
Matulis J., 816, 1027, 1733, 2470, 2475, 2476, 3935, 4529, 5098, 5624
Matulis Yu. Yu., 5036
Matveenko A. P., 3895
Matveiko N. P., 1734
Matveishin E. N., 1017
Matyashchuk I. V., 2344
Maughan D. W., 4014
Maurer H. R., 4617
Maurer O., 2388
Maurin G., 678
Mauro A., 666
Mauzerall D., 1862
Mavani I. P., 5263
Mavridis P. G., 5145
Mavrodin Tarabic M., 1066, 1833, 1972, 2916, 3791, 5931
Max E. E., 3601
May L. A., 5560
Mayer C., 796
Mayer U., 3387
Mayo A. M., 4094
Mazandarany F. N., 4283
Mazanova T. V., 5439
Mazitov Yu. A., 3907
Mazoyer R., 2247
Mazumdar A. S. G., 2346
Mazur N. G., 1081, 4847
Mazurin O. V., 5530
Mazzara M. R., 5735
Mazzochin G. A., 212, 1557, 2087, 5337
Mbawa E., 1639, 2596
McAllister D. L., 262, 3005
McAuliffe C. A., 4443
McBride E., 2761
McBryde W. E. A., 925, 3200
McCabe M., 5122
McCabe R., 1509
McCann F. V., 3862
McCann G. D., 3571
McCartney E. R., 3233, 3234
McClain W. H., 789
McClean S. W., 1609, 4565, 4566
McCleverty J. A., 1075, 2047, 2051, 2062, 5017
McCombs M. L., 1680
McConnell H. M., 2380
McCoulrey P. G., 4767
McCourt J. L., 3200
McCreery R., 1112
McCright R. D., 5979
McCubbin W. D., 1688
McCullough T., 4913
McDermid E. M., 4673
McDonald J. G., 4651
McDonald J. R., 75
McDonald T. F., 5456
McEvoy F. A., 2534
McEwan W. S., 2456
McEwen G. K., 2051
McFarquhar B. Y., 3360
McHardy J., 1855
McIlreavy D., 5771
McIlwaine I., 772
McIntosh C. H. S., 3658
McKaveny J. P., 5409
McLeod S., 5223
McMaster-Kaye R., 3708
McNamee M. G., 2380
McPherson A., Jr., 5765
McQueen D., 1776
Mead C. A., 32, 5055
Meddins B. M., 2560
Medvedeva L. V., 415
Medvetskaya I. M., 593
Medyanik T. K., 1284
Meek D. W., 3438
Meerson E. E., 612
Mehl E., 2622
Mehra S. C., 5192
Mehrotra A. K., 1521
Mehrotra R. C., 2294
Mehta O. P., 4379
Mehta R. K., 4184
Meier B., 2398
Meier H., 1837
Meining G., 2648
Meisel T., 4387
Meites L., 36, 932, 3748, 3834, 4318, 4319
Meizel S., 4686, 4690
Mejsnar J., 1291
Mekler L. B., 2607
Mel H. C., 2683
Melamud S. G., 2002
Melekhova N. I., 3742, 5850
Meleshevich A. P., 652
Meleshko V. P., 4555
Mellors G. W., 878
Mel'nichenko I. A., 2860
Melnick R. L., 2559
Mel'nik E. A., 3255
Mel'nik E. I., 4463, 5489
Mel'nik S. Ya., 1196
Mel'nikov N. N., 2846, 3130, 4084
Mel'nikov P. P., 3255
Memming R., 1831
Menaria K. L., 3192
Mendzheritskii E. A., 5487
Mengoli G., 181, 3018
Men'shakova N. I., 4472

Mentasti E., 2363
Mercier A., 1363
Mercurio J. P., 2421
Merklati M'Hamed, 1848
Merkul'eva L. E., 5411
Merkulova N. D., 1023, 4951
Mermet Dupin N., 5426
Merola A. J., 1552
Merrill C. I., 5343
Merritt A. D., 4674
Mertens J., 427
Mertvetsov N. P., 5785
Meryan V. T., 5102
Merzlov V. P., 1280
Merzlyakov A. V., 1380
Meshitsuka S., 5969
Meshkova O. V., 4089
Messineo L., 1730
Mestecky J., 1683
Mester L., 777
Mester R., 777
Mészaros L., 17, 18, 34, 3798, 3877
Métayer M., 2865, 3861
Metcalf S. G., 3293
Mets L. J., 5744
Metting H. J., 396
Metz W. D., 3454
Metzger H., 3083
Meudt W. J., 4592
Meuser F., 2200
Meyer J. J., 3547
Meyer J. L., 442
Meyer R E.., 828, 1971, 2937
Meyerhoffer A., 562
Mezentsev I. S., 1433
M'Foundou E., 1334
Michaeli I., 5974
Michaelides M. C., 4650
Michaels D. W., 2093
Michajlow W., 5473
Michalides J. P. L. M., 4831
Michri A. A., 5051
Michurin S. V., 2382
Micka K., 29, 84, 858, 3806
Mička Z., 4441
Mickiene A., 2967
Mickus M., 2967
Middaugh R. L., 5108
Midgley D., 1954
Midorikawa R., 170, 448, 2014, 2930, 4293
Miekeley N., 5697
Miftakhova A. Kh., 5431
Migal P. K., 288, 1447, 4030, 4213
Migchielsen P. W. C., 35
Mihailov M. H., 4040, 4041, 4175, 4176, 4209
Mihailova V. Ts., 4040, 4041, 4175, 4176, 4209
Mihajlovic R. P., 4570
Mihalyi L., 817, 1019, 2917
Mika J., 817, 1019, 2917, 2918
Mikadze Zh. P., 4186
Mikawa H., 4456
Mikhailov G. G., 3538
Mikhailov V. A., 5879
Mikhailov V. M., 3506, 3507, 3550, 4567
Mikhailov V. N., 2882
Mikhailov V. V., 1807
Mikhailova E. N., 5492
Mikhailova L. A., 3959
Mikhailova T. A., 356, 3136, 5169
Mikhailova V. P., 5895
Mikhailyuk Yu. I., 3152
Mikhant'ev B. I., 3463
Mikheeva F. M., 2055
Mikheeva N. P., 4965
Mikhelashvili I. L., 2178
Mikhina V. N., 2469
Mikhoilovskii V. N., 4351
Mikolanda F., 153
Mikowska M., 5555
Mikule V., 4172
Milaev S. M., 1329, 2266, 2306, 4225, 5286, 5311
Milazzo G., 920
Miles L. E. M., 4655
Miles M. H., 1988, 2456, 3915
Miles P. R., 4465
Miles R., 2423
Miles R. C., 3790
Milichenko S., 1017
Miller A. D., 3500, 4534
Miller B., 89, 2807
Miller H. C., 2748, 4856
Miller I. F., 1789
Miller I. R., 2198, 4957
Miller L. L., 716, 720, 3521, 3776, 5639, 5652
Miller S., 5461
Miller T. N., 5535
Miller T. R., 3989, 3990
Millington R. J., 1413
Mills J. A., 5693
Mills J. L., 2958
Milne J. B., 1497
Milyaev Yu. F., 4218
Milyavskii L. A., 910
Milyavskii Yu. S., 295, 4855
Milyutin N. N., 1091, 1092, 4980
Minagawa I., 4372
Minano A. S., 5302
Minc S., 426, 1751, 3189
Mindt W., 1258
Mindyuk A. K., 2911, 3902
Minina N. I., 2583
Minning C. P., 5877
Min Pak C., 2084
Mioscu M., 3187, 5211
Mirarefi A. A., 1945
Mirchi A. A., 4727
Mirek J., 4081
Mirkin V. A., 598, 3051
Mirkind L. A., 235, 701, 805, 1770, 2492, 2706, 3472, 3734
Mirolyubov E. N., 1851, 5003
Mironov V. E., 438, 546, 1407, 1434, 2340, 4306, 5299, 5411
Mironova N. V., 626
Mironova V. N., 2120
Mirovich L. V., 2122, 3069
Mirskova A. N., 1462
Mise T., 2107
Mishagin V. A., 4
Mishchenko B. P., 4636, 4643
Mishchenko K. P., 4156
Mishchuk R. Ts., 5563
Mishenov Yu. M., 3040
Mishra A. K., 4427
Mishra M. B., 1137, 4052
Mishra U. C., 2268
Mishuk V. Ya., 2790
Mishustin A. I., 2464
Mishutkina T. I., 3435
Miskidzh'yan S. P., 5085
Misniakiewicz W., 1011, 2873
Misono A., 2150
Mispelter J., 4070
Misra G. N., 5340
Misra N. P., 3618
Misra R. P., 1655
Mistry V. N., 5553
Misumi S., 292, 1074, 1182, 3260
Mitani M., 704, 1600, 3476
Mitchell D. G., 991
Mitchell P. C. H., 5356
Mitchell W. M., 2528
Mitev S., 3541, 3546, 3551
Mitin B. S., 1574
Mitra A. K., 2408
Mitsuhashi S., 3672
Mitsui T., 110
Mittal K. L., 387, 1855
Mittal M. L., 1151, 2207
Mittel K. L., 2
Mitzutani S., 2389
Miura E., 654
Miwa M., 3453
Miyagawa R., 2517
Miyakawa K., 4149
Miyake S., 3565, 4931, 5679
Miyake Y., 5599, 5600
Miyashita T., 5953
Miyoshi K., 931
Miyoshi M., 2483, 3516
Mizota H., 1175
Mizuno F. M., 3683

Mizuno Z., 4149
Mizusawa S., 1421
Mizuta S., 3420
Mndzhoyan A. L., 1250
Mocàk J., 3154, 3157
Mocanu A., 3223
Mocella M. T., 4489
Modig H. G., 3163
Modras Z., 1227
Moebus G. A., 975
Moffitt R. A., 3957
Mogab C. J., 5359
Mogilenko V. F., 9
Mogilevkina M. F., 4310
Mohamed N. A., 4646
Mohan M. S., 520
Mohan Das P. N., 3203, 3275, 5323
Mohanta S., 4871
Mohanty S. C., 2268
Mohapatra B. K., 622, 1516, 4405, 5516
Mohr P., 4112
Moiroux J., 327, 2163
Moise C., 2154
Mokeeva R. A., 4669
Mokhosoev M. V., 1403, 4145, 4152
Mokhov A. G., 5474
Mokhov V. M., 4186
Mokrousov L. N., 818, 5927
Mokrov A. P., 2704
Molchanova S. A., 966
Molday R. S., 5745
Moldevan A. G., 4840
Moleva Z. N., 4151
Moll M., 1550
Mollenhauer H. H., 3680
Möllers F., 1831
Mollin J., 5170
Molodtsova V. A., 5090
Molodov A. I., 144, 823, 1805, 1997, 2016
Molof A. H., 1479
Momenteau M., 4070
Mondon F., 1212
Monien H., 133, 1048
Monier R., 3700
Monn J. F., 398
Monnier D., 827, 3305
Monnier R., 5945
Montes Ponce de Leon M., 4520
Montgomery R., 5417
Montgomery F. C., 2217
Montoya P. R., 435
Monyakina L. A., 2270
Moody G. J., 919, 4594
Moon S. C., 1207
Moonen J. H. E., 4435
Moore P. A., 2675
Moore S. V., 5499
Moorhead E. D., 2008, 2134
Mooring C. I., 2101
Mor H., 2641
Mora R., 2190
Morachevskii A. G., 413, 424, 1285, 2238, 5395
Moravskaya O. V., 1064, 2018
Morcos I., 2946, 3860
Mordovchenko I. P., 1144, 1760, 4025, 4026
Moreau J. P., 765, 2581
Morel F. M., 4160
Morel J. P., 2392, 5228
Morel Ph., 2741
Moreno E. C., 7
Moreno Garcia F., 4593
Moret V., 5741
Morf W. E., 921, 1906, 3831, 5292
Morgunova M. M., 4315
Mori G., 1307
Mori N., 2119
Mori S., 4999
Mori Y., 4584
Morie G. P., 4261
Moriguchi Y., 3419
Morimoto A., 5163
Morimoto T., 3423
Morin M., 549, 4304
Morini C., 1259
Morioka M., 290
Morita M., 361
Morita T., 5774
Moriyama J., 2321, 2335, 5246
Morozova I. D., 3508
Morozova L. N., 359
Morrill J. B., 3687
Morris D. R., 5781
Morris H. P., 4683
Morris T. J., 3698
Mortenson L. E., 5453
Mortimer C. J., 2972
Mortko H. J., 285
Mosalev E. A., 1758
Mosbach K., 4327
Moscovic F., 2577
Moser F., 462, 1365, 3239, 5296
Moses Z. R., 3009
Mosevitskii M. I., 3707
Moskin L. N., 1787
Moskovich R. Ya., 5444
Moskovskikh L. A., 166, 826, 2009
Moskvin L. N., 1625, 2260
Moskvitin V. I., 5610
Mosolov N. N., 1189
Mosolov V. V., 2025, 2736
Moss B., 3646
Motoo S., 790
Motov D. L., 5878
Motycka L., 774
Moulik S. P., 1910, 2408
Mouridsen H. T., 2593
Mouron P., 4063, 5372
Mouton J. L., 1472
Movshovich B. L., 2617
Mozhaev V. V., 1570
Mozhaeva G. N., 1510
Mozhaiskii A. M., 2497
Mozhziko L. N., 1545
Mravec D., 340
Mraz R., 196
Mrha J., 5936, 5967
Mrowec S., 2431, 3215, 3218
Mrowetz G., 1228, 2139
Mruthyunjaya H. C., 4158
Mudretsov A. I., 2308
Mudretsova S. N., 1354
Muellegger P. H., 3589
Mueller U., 5730
Muench J., 3563
Mugnier Y., 2154
Muguzov M. I., 1527
Muhammad A., 2305
Muhdagalieva I. K., 216
Muju B. L., 670
Mukai M., 4494
Mukha S. I., 4554
Mukherjee A., 3480
Mukherjee L. M., 1270
Mukherjee S., 5310
Mukherjee S. K., 743, 744, 2374
Mukhitdinova N. A., 3109
Mukhopadhyay G. N., 4180
Mukhopadhyay R. K., 5544
Mukhovikov V. V., 1320
Mukhtarov A. A., 3508
Mulder A. J., 4580
Muler A. L., 3907
Mulina T. E., 3515
Mullen M. W., 2962
Müller E., 351
Müller H. G., 2896
Müller J., 3011
Müller L., 1920, 2747, 3724
Mund K., 1856
Munin E. N., 5092
Muñoz Leyva J. A., 5218
Munshi K. N., 2278
Münze R., 1080
Mura R., 2189
Murahashi S. I., 4001
Murai O., 1205
Murakami K., 783
Murakami M., 4684
Murakami S., 4182, 5955
Muramaki T., 4790
Murano A., 5162
Murashkina I. I., 1086
Murashova I. B., 2451
Murata Y., 2323
Muravich Aleksander Kh. L., 5167
Murayama D. R., 4001, 5073
Murayama T., 290

Murday I. S., 2778
Murgulescu I. G., 449, 3180
Murin I. V., 1511
Muroi K., 1242
Murphy T. J., 686
Murray R. W., 4836
Murtazina A. A., 3738
Murthy A. R. V., 4158
Murthy T. K. S., 4286
Murthy V. L. N., 2557
Musakin D. A., 5687
Mushkina M. G., 1469
Mushulov T. P., 238
Musilova M., 5936, 5967
Musina S. A., 4709
Mussini T., 915, 1318, 2237, 4161
Mustafin U. Zh., 2578
Musumeci S., 1090, 4069, 5034
Muta S., 3419
Mutallimov M. D., 4453
Muto G., 112
Muto N., 2359
Muto Y., 620
Mutovkina A. A., 2364, 5439
Muzgin V. N., 2875
Myasoedov B. F., 3507, 3550, 4567
Myers D. J., 5189
Myers J. F., 5557
Mymrik N. A., 297, 2126
Myshlennikova V. A., 753

Naarova M., 854
Nabiev M. N., 436
Nabieva M. M., 307
Nachman R. L., 3611
Nadareishvili K. Sh., 1282
Nadas J., 1507
Nadebaum P. R., 1948
Nader H. L., 5793
Nadis J. A., 1503
Nadjo L., 20, 905, 2082, 3002, 5062
Nadler C., 4381
Nadol'skii A. P., 2968
Nady L., 2908
Nae Su Kim, 4018
Nagai T., 135, 495, 840, 2517, 3565, 4527, 4585, 5700
Nagano M., 5360
Nagarev V. G., 207
Nagasaki K., 5953
Nagase S., 713, 1595, 3514
Nagata K., 5513
Nagayama M., 2050
Nagayanagi Y., 1875
Nagibin Yu. A., 1574
Naglenko G. K., 1051
Nagorskaya I. V., 1149
Nagy B., 1662
Nagy G., 554, 1466, 5077
Nagy P., 360
Nagy Z., 679
Nagy Czako I., 2396
Nagypal I., 2839, 3206, 3207, 4235, 5269, 5271
Naidis F. B., 5582
Naik R., 2542
Nair A. P., 4122
Nair M. R., 3644
Naito H. K., 4627, 4637
Najda J., 3491
Nakagaki M., 51, 608, 2691, 2819
Nakagawa G., 2323
Nakagawa S., 3481, 3752
Nakagawa T., 2359
Nakahara A., 3197, 3212
Nakahara R., 5975
Nakahara S., 2472
Nakajima T., 2230
Nakamura J. T., 5343
Nakamura K. I., 110
Nakamura M., 1984
Nakamura Y., 2691, 4582
Nakanishi Y., 4798
Nakano K., 4056
Nakao M., 2543
Nakao Y., 3212
Nakashima T., 1179
Nakata T., 4799
Nakatomi C., 5592
Nakatsuka S., 2517, 3565
Nakaya I., 5662
Nakayama M., 601, 4479
Nakon R., 5265, 5266
Nanavati R. P., 666
Nancollas G. H., 442, 1302
Nanda C. R., 5333
Nankov N. A., 2825
Nanu I., 4311
Naparstek A., 4900
Napoli A., 3286
Napukh E. Z., 1043
Narasimhan K. C., 2445
Narayan R., 824
Narayanan V., 1486
Narebska L., 2105
Narita T., 2014
Narula S. P., 4388
Naruse T., 221
Naser-ud-din, 2490
Naslain R., 2421
Nasrallah J. B., 3603
Nasrallah M. M., 4420
Nassonov P. M., 1939, 3722
Natanson E. M., 1584
Natanzon Ya. V., 3770
Natarajan G. S., 4169
Natarajan K. A., 515, 1072
Natarajan P. R., 2346
Natarova E. L., 2849
Nath P., 3192
Nathan L. C., 5214
Natori H., 767
Natusch D. F. S., 3166
Naumann R., 3014
Naumenko K. M., 2756
Naumenko V. A., 2298
Naumenko V. Ya., 5954
Naumov A. P., 1510
Naumov V. I., 810, 1744, 4711
Naus J., 3747
Nayan R., 453
Nazarenko V. A., 4227
Nazareth R., 4015
Nazarov B. F., 1899, 3099, 4965
Nazarov N. V., 2320, 3302
Nazarova I. N., 642, 1531
Nazarova L. V., 1315, 2261, 3227
Nazarova R. I., 2455
Neal A., 1691
Neata Balescu M., 4267
Nechaev E. A., 1043, 4505
Nechepurnoi V. D., 706, 4540
Nedoma J., 1415, 2257
Nee Y. T., 4231
Neeb R., 1779, 2049, 3876, 4047, 4979
Needham T. E., Jr., 5239
Nèel J., 2437
Nefedova G. Z., 4760
Negi A. S., 4097
Negus L. E., 5210
Neher E., 2248, 3184, 3185
Neiberte B., 5561
Neilands O., 3021
Neiman R. E., 5685
Nekrasov L. N., 2961
Nekrasov S. V., 339
Nekrasov V. V., 4460
Nekrasova M. V., 4460
Nelsen S. F., 2989, 3527, 5046
Nelson L. C., Jr., 739
Nelson G. J., 2567
Nelson R. F., 3524, 3777, 5655, 5656
Nemec M., 2496, 3511
Nemchaninova G. L., 5960
Nemes M., 3063, 5194
Nemirov M. S., 1241
Nemkovsky I. A., 886
Nepodenko L. M., 5209
Ness A. T., 768
Nesterenko A. F., 951, 2860
Nesterov B. P., 80, 968, 4880
Nesterova L. A., 4234
Neumin A. D., 639, 4409
Neurath P., 4884
Nevskaya Yu. A., 3173, 4173
Newell R., 4674

Newman J., 935, 2805, 2806, 2808, 2809, 3799, 3817, 4841, 4896
Newman R. A., 1629
Neykova E. A., 5247
Neyman E. Ya., 136, 1018, 1582, 2023, 2929, 3912
Ng D. O. K., 2656
Ng P. K., 3846
Ng Chiong K., 4536
Nguen Van Cheu, 1373
Nguyen D. H., 1448
Nguyen L. T., 5761
Nichikova P. R., 5649
Nichkov I. F., 163, 1351, 2320, 3240, 3302, 4816, 4974, 5297, 5315
Nichol J. C., 3842
Nicholas D. J. D., 3709
Nicholson M. M., 1842
Nichugovsky G. F., 722
Nickerson W., 1381
Nicolae A., 3456
Nicolas I. P., 2282
Nicolic K., 395
Nicot C., 5761
Niebergall P. J., 3838
Nieboer H., 3410
Nieuwpoort A., 4435
Nigam R. K., 4512
Niggol K., 4699
Niitsu Y., 4658
Niizuma S., 2060
Nijhuis H., 5762
Niki E., 987
Niki K., 2119
Nikiforov A. F., 2849
Nikiforov G. A., 5180
Nikitina A. A., 5609
Nikitina G. A., 3072
Nikitina S. A., 2427
Nikitina S. P., 5390
Nikitina V. I., 3088, 5115
Nikokiris P. N., 2550
Nikolaev V. N., 1198
Nikolaeva E. P., 3156
Nikolaeva E. R., 3545
Nikolaeva L. I., 1198
Nikolaeva N. M., 5404
Nikolaeva V. A., 3946
Nikolič R. M.. 5301
Nikolich B. Zh., 4842
Nikolov Ts., 839
Nikolskaya A. V., 5317, 5321
Nikolskii B. P., 540, 3183, 3835
Nikolskii V. A., 1838
Nikonorov K. V., 1442
Nikulin V. N., 4083
Nikulina I. N., 176, 2023
Nilius R., 2659
Nilsson A. M., 4376
Nilsson H., 4327
Nimara A., 195, 1060, 3076
Nincakova A., 3135
Nin'o N., 3131
Nisancioglu K., 2805, 2806, 2808, 3817, 4841
Nishi C., 1667
Nishida M., 4899
Nishihara C., 3826
Nishihara H., 2637
Nishimura J. S., 1724
Nishimura Y., 2486
Nishino J., 4333
Nishisaka K., 649
Nishiyama T., 169
Nissler K., 1718
Nobe K., 2003, 5885
Nobile A. A., 908
Nochvina I. V., 2571
Noel J. P., 1550
Noer S., 4170
Noesel H., 1163
Noetzold H., 2197
Nogoescu I., 609
Nomoto S., 137, 221, 4713
Nomura E., 108
Nonaka T., 703, 5648
Nonaka Y., 620
Nonciaux J. C., 2481
Noninski K., 69, 871, 2825, 3796, 3852, 4963
Nonoyama K., 621
Nooden L. D., 4621
Nordischow C. D., 4663
Noren B., 496
Norkus P. K., 2304, 2333, 2343
Norris D. M., 2562
Northey H. L., 5083
Nosenkova G. S., 2391
Noshiro M., 4290
Nosova K. I., 225
Noszticzius Z., 8
Notley J. M., 5635
Notoya R., 794
Notoya T., 1994, 2930
Novak K., 1610
Novak V., 3328
Novakova M., 4390
Novakovski A. M., 1839
Novakovskii M. S., 1469
Novichkov V. Kh., 5482
Novik R. M., 3104
Novikov E. A., 3240
Novikov N. I., 5482
Novikov S. S., 3113
Novikov V. I., 4357
Novosel'skii I. M., 958, 1890, 2720, 4854, 4891
Nowacki M., 3573
Nowak E., 2631
Nowak J., 4630
Nowak P., 1556
Nowogrocki G., 4868
Nowotny J., 1491, 2431, 2432, 4719, 4720
Noyes R. M., 1352
Nozaki T., 1136, 2107
Nualláin C. O., 4340, 5424
Nubi G., 1561
Nudelman O., 4094
Nud'ga L. A., 4348, 4458
Nürnberg H. W., 1454, 2092, 2369
Nushi S., 287
Nyberg K., 109, 714, 2488
Nykl L., 3837
Nyquist S. E., 3680

Oakenfull D. G., 4400
Oakes J., 5365
Oates D. C., 944
Oba S., 5162
Ob'edkov Yu. I., 2749, 5857
Oberholser K. M., 4685
Obijeski J. F., 2590
Oblakowski R., 4497
Obnovlenskii P. A., 3895
Obozova V. I., 5647
O'Brien F. L., 2993
O'Brien R. N., 61
Obstemperanskaya S. I., 1448
Obukhov A. P., 5695
Ochab S., 2531
Ochiai H., 5724
Ochiai M., 5163
Odo K., 703, 5648
Odobesku N. S., 174, 4046
O'Donnell S., 5008
O'Donnell T. A., 2125
Odynetz L. L., 1063, 1889, 3906
Oehme F., 2275
Oelschläger H., 379
Offengenden E. Ya., 1453
Oganesyan L. B., 2509
Ogata K., 1661
Ogata M., 4968
Ogata T., 2060
Ogita Z., 3615
Ogivara Y., 2610
Ogliaruso M. A., 4550
Ogura H., 837, 838
Ogura K., 3781
Ohba Y., 1705
Ohira K., 2188
Ohkatsu Y., 867
Ohkawa H., 5469
Ohkshima K., 5378
Ohkuma S., 2793
Ohlsson K., 4693
Ohmori H., 5067
Ohmori T., 835
Ohnesorge F. K., 4247
Ohno I., 4494
Ohsaka T., 261, 1236

Ohta H., 4473
Ohta T., 3840
Ohtaki H., 2307, 3325, 4314
Ohtsubo T., 4325
Ohyoshi A., 4075
Oishi T., 5246
Ojha S. S., 517, 518, 4144, 4241
Ojima H., 621
Oka H., 4494
Okabayashi H., 5565
Okáč A., 1168, 2135
Okada G., 5592, 5601
Okada T., 5163
Okajima K., 1362
Okamoto K., 1205, 4456
Okano Y., 5919
Okawa H., 620
Okazaki T., 673
O'Keefe M., 3425
Okhlobystina L. V., 1591, 1592
Oki T., 146, 2295
Okinaka Y., 2453
Oktay S., 1664
Okuda H., 4782
Okuda N., 2999
Okuda T., 100
Okuyama M., 5565, 5578
Okuyama T., 5777
Olavi Lukkari U., 2319
Olderman G. M., 4263
Oldham K. B., 907, 3822
Oleinik A. V., 5154
Oleinik L. K., 4230, 5313
Olekhnovich E. P., 5166
Oliveira A. R., 2549, 3594
Oliveri Vigh S., 4059
Ol'khovich P. F., 5387
Olmstead W. J., 670
Olsen B. R., 2653
Olson C. L., 4015
Olson M. O. J., 3600
Olsson I., 4693
Olszanski St., 5976
Olteanu M., 602, 632
Omarova A. F., 5037
Omarova K. I., 48
Omarova S. R., 4707
Omel'chenko V. A., 1035
Onaca I., 1066, 1833, 2916, 3791, 5931
Onas I., 1972
Onda K., 1164
Oniciu L., 5056
Ono H., 3672
Ono K., 110
Ono M., 1242
Ono T., 3677
Onojko T. V., 3127
Ooba Y., 2776
Oosawa F., 2815
Oostervink R., 2160
Ooyasu T., 4584
Opara B. K., 1369
Opel G., 2059
Oppermann H., 2752
Opritov V. A., 2382
Orbán M., 534, 3315
Orchard D. G., 2051
O'Reilly J. E., 536, 3166
Orekhova V. V., 5890
Orlikowska A., 2131
Orlov A. I., 3880, 3983, 4830
Orlov S. M., 5463
Orlov V. V., 3000
Orlova F. A., 1846
Orlova G. M., 1055
Orlova I. G., 3535
Orlovskaya L. V., 1027, 4529, 5028, 5624
Orlovskii A. M., 5584
Ornelas L. D., 91
Oron L., 2666
Orrick L. R., 3600
Orsos P., 1129
Ortega M., 4101
Ortego J. D., 4444
Orth H., 3643
Ory R. L., 3604, 3605
Osa T., 867
Osada Y., 3342
Osadchenko I. M., 688, 690, 2032
Osajima Y., 1897
Osaki M., 499
Osborn M., 1634
Osborne J., 4920
Osetrova N. V., 126, 1975, 1976
Oshe A. I., 2943
Oshima G., 1694
Oshurkova O. V., 742, 4383
Osimani C., 1318, 4161
Osipov O. A., 1535
Oskarsson M., 3704
Oskina O., 2696
Osobenkova E. N., 4514
Osokin N. I., 1962
Ossea Asare K., 746
Ossendorfova N., 264
Ostannii N. I., 4214, 5266
Ostapkevich N. A., 5582
Ostern M., 5141
Ostertag W., 3703
Osteryoung J., 5189
Osteryoung R. A., 25, 1895, 2007, 2079, 2788, 3179, 3925, 4849
Ostrovskaya S. E., 1028, 1977, 1990
Ostrovskii D. N., 3590
Ostrovskii Yu. M., 1189
Ostrowetsky S., 4063
Ostvold T., 420, 1901, 4154
Osuda T., 5663
Osugi J., 2406, 3403, 3446, 5551
Otomo M., 1473
Otsuka H., 3325
Otsuka S., 4779, 5859
Otsuka T., 1648
Ottendorfer L. J., 1033
Otto L., 2659
Ouchi Y., 3941
Oudar J., 1749
Oudewater J., 3190
Outin Fabre D., 765
Ovcharenko V. I., 2742, 2751
Ovchinnikov Yu. A., 4463, 5489
Ovcin D. S., 4769
Ovechkina T. G., 1601, 3982, 5928
Ovechkina T. I., 1470
Overvoll P., 3252
Ovsyannikov N. N., 808, 1747, 2704, 2861
Ovsyannikova E. V., 2991, 4943
Owen D., 407, 1262, 2980
Owen G. P., 5499
Oyabu Y., 267, 1732
Oye H. A., 3393
Ozaki S., 5045
Ozerov A. M., 5587
Ozeryanaya I. N., 4818
Ozhegov P. I., 1380, 2990
Ozment C. L., 4003

Pacer R. A., 898
Pacifici J. G., 3531
Packer L., 2559
Padel J., 411
Padyukova G. L., 5817
Pagano R. E., 2198
Page J. M., 3875
Page O. T., 1711
Page R., 3399
Pagetti J., 5948
Paglavyan M. G., 106, 1014
Paglione A. M., 5734
Paigen K., 2652
Pain B. K., 4795
Pajares J. A., 638
Pajdowski L., 3285, 5354, 5355
Pak V. N., 5479
Pakhonov V. P., 3982
Pakhovchishin S. V., 3901
Pakshver A. B., 3343
Pal M. K., 3445
Palagyi Fènyes B., 34
Palamutcu T., 1790
Palanker V. Sh., 791, 3716, 4952, 4953
Palant I. N., 365
Palau J., 4644
Pal'chevskii V. V., 3313, 3835, 5393

Palecek E., 1231, 2199, 5165
Paleolog E. N., 1821
Palguev S. F., 639, 2284, 4409, 4421
Palit S. R., 672, 1555, 3848, 5581
Pallansch M. J., 4981
Palm U., 65, 127, 798, 813, 1982, 2711, 3744, 4710, 4732, 5824
Palm V., 660, 661, 1489
Palm W. H., 2620
Palmer A. B., 4903
Palmer E. L., 2590
Palombarini G., 972, 1082
Palrecha M. M., 2945
Pande C. S., 5340
Pandey A. V., 387, 2207
Pandey J. D., 4398
Pandiperumal S., 4451
Pandit S. C., 3443
Panfilov A. M., 831
Panin M. F., 1523
Panina M. A., 758, 1686
Pannu B. S., 5307
Panos C., 4645
Panossian R., 574
Pant H. C., 5923
Pantaleev M., 1370
Pantaleeva N. N., 1397
Pantani F., 1201
Pantel S., 4402, 5191
Pantov V. N., 4993, 5845
Paoletti P., 5258
Papageorgiu E. C., 4053
Papariello G. J., 4911
Papastathopoulos D. S., 4188
Papatheodorou G. N., 4148, 4154
Papay M. K., 1385, 4329, 5434
Papazova E. I., 1838
Papp J., 2326
Parameshwaran S., 2954
Pardini V. L., 5651
Parenti R., 5796
Paris M., 2529
Parisin V. D., 3880
Park C. M., 4666
Parker A. J., 2061, 5593
Parker V. D., 245, 254, 2998, 3010, 3810, 4547, 5048, 5060, 5643
Parkhomenko N. A., 4116
Parlapanski M., 81, 1992, 4898
Parmar S. S., 4179
Parnell M. J., 1210
Parreira H. C., 2514
Parry Jones R. L., 2370
Parshin G. S., 1069
Parsons P. G., 2886
Parsons R., 814, 1101, 1116, 3548, 3743
Parsons R. S., 2662
Parth W. H., 1004
Parthasarathy N., 398, 3305, 4291
Partyka S., 1336, 1756
Parupe A. A., 5445
Parveen I., 1405
Parwaresch M. R., 5770
Pasciak J., 1213, 2202
Paseka I., 2029
Paskalev N., 1328, 1343
Paspaleev E., 3038
Past V., 1983, 4732, 4950
Pastewka J. V., 768
Pastier D., 3626
Pastorek R., 3299
Pastor Pineiro J., 2586
Pastukhov E. A., 4407
Patackas A., 4995
Patel A. B., 4810, 4811, 4812, 5944
Patel B. C., 4331
Patel K. C., 5942
Patel M. N., 4181
Patel N. K., 3795, 4810, 4811, 4812, 5942, 5944
Patel R. P., 3198, 3199, 4181, 5260
Patel S. R., 4331, 4452
Paterson B. M., 4603, 5756
Paterson R., 4395
Pathak S. P., 4452
Pathan A. S., 4206, 4352
Patlejch V., 277
Patnaik R. K., 2285, 4049
Patrashku F. I., 3145
Patriarche G. J., 1181, 2191, 4573
Patsauskas E. I., 5612, 5619
Patterson J. W., 2228
Patterson J. I. H., 2764, 2910
Paucirova M., 2701
Paul R. C., 4388
Pautz J., 1546
Pauwels M., 751
Pavel, 3489
Pavel'eva O. Kh., 295
Pavelich M. J., 2655
Pavliček Z., 3148
Pavlov A. A., 3191
Pavlov V. N., 2151
Pavlov Yu. I., 2121
Pavlov Yu. V., 2464
Pavlova L. S., 1654
Pavlova Y. N., 645
Pavlović M. D., 4769
Payens T. A. J., 5762
Payn C., 1918
Payne R., 812
Payne R. C., 1642, 2549, 3594
Payton A. D., 3172
Pazvantov P. K., 5394
Pchel'nikov A. P., 82, 1050, 1844
Pchel'nikov I. T., 5946
Pechennikov A. V., 5527
Peacock A. C., 768
Pean H., 1283
Pecherskii M. M., 222
Pechey D. T., 1908
Pechurova N. I., 3273, 4232
Pecsok R. L., 1903
Pederson C. T., 2998
Pedraza J. F., 4967
Pedriali R., 4729
Peguin P., 5949
Pehlke R. D., 4283
Peisakhova M. E., 1538, 4419
Pekar E. V., 953
Pekin B., 1400
Pelcere I., 3021
Pellacani G. C., 5140
Pellerito L., 4249
Pelletier M., 827
Pellizzetti E., 2363
Pelmont J., 4697
Peltier D., 5907
Pendin A. A., 2428
Penland J. L., 1356
Penner P. E., 2665
Pennington J. E., 2964
Penny I. F., 2558
Pensky J., 3634
Peperstraete H., 3567
Perakis J., 1341
Peraldo Bicelli L., 1801, 5602
Perassi R., 1668
Perdus F., 1363
Peredkov V. A., 13
Pereira A., 4609
Pereira M. M., 4609
Perelyaev V. A., 637
Perevoshchikova K. A., 2571
Pérez Ruiz T., 1754, 5198
Perfil'ev M. V., 4994
Pergola F., 5025
Perichon J., 4956, 5052, 5646
Perier F., 2100
Perini F., 437
Perjéssy A., 3137
Perkins R. S., 5883
Perone S. P., 904, 2764
Perram J. W., 4745, 4889
Perrault G. G., 4200
Perrier M., 4425, 5524
Perron G., 3399
Perry D. L., 4444
Person M., 2189, 2190
Persson T., 3556

Perumal A. S., 2668
Pervii E. N., 4908
Pesakhovich L. V., 3645, 4606, 4607
Pesant J. C., 2726
Peshchevitskii B. I., 1528, 5418
Peshekhonova N. V., 229
Peška J., 599
Pestunovich A. E., 5444
Pestushko N. N., 4555
Petaeva T. I., 723
Peták P., 4973
Petanides K., 3288
Petek M., 250, 851
Peter F., 4276
Peter L. M., 3919, 3940
Peterkova I., 5791
Peters J.E. , 2659
Petersen F., 4517
Peterson J. L., 3899
Peterson P. H., 5792
Pethig R., 1540
Pethybridge A. D., 4874
Petiau de Vries G. M., 3641
Petit A., 2437
Petit M. C., 852
Petitfaux V., 2110, 2111
Petitjean J. P., 4882
Petit Ramel M. M., 441
Petkov Z. Z., 5747
Petlicki J., 4481
Petrakovich V. E., 4127
Petràš P., 2251
Petrella G., 5486
Petrescu M., 3489
Petrescu S., 3723
Petrescu V., 4722
Petrii O. A., 43, 794, 820, 1956, 1978, 4955, 5819
Petrikova M. N., 721
Petrosyan V. A., 1591, 1592, 1593
Petrov E. I., 4776
Petrov L. N., 978
Petrov M. A., 3759
Petrov S. I., 2318, 3351, 4281
Petrov S. M., 2364, 5439
Petrov V. A., 5395
Petrova E. G., 2185
Petrova E. I., 5410
Petrova I. K., 3572
Petrova I. S., 3691
Petrova L. D., 3464
Petrova L. G., 5087
Petrova L. P., 4336
Petrova M. A., 641
Petrova N. Yu., 5325
Petrova S. A., 2090
Petrova V. I., 4480
Petrovici Baliant Z., 2416
Petrovskaya G. A., 4082
Petrow C., 689, 2752, 5594
Petruscu V., 3723
Petrusevich Yu. M., 4357
Pettemeridou S., 324
Pettersson B., 2523
Pettersson L., 472, 487
Pettinger B., 1859, 5930
Petukhova R. P., 5905
Pet'yarv E. K., 65, 2711, 3744, 4710
Petzold H., 2572
Pevnitskaya M. V., 3845
Pevnizkai M. V., 4877
Pevzener Ts. V., 497
Pevzner I. D., 1273
Peyronel G., 5140, 5520
Pezzati E., 3181
Pezzatini G., 27, 31
Pfister Guillouzo G., 4786
Pflegel P., 5181
Pfleiderer W., 362, 363, 364
Pfendt L. B., 3211
Phang S., 5237
Phares C. K., 4600
Phelps J. E., 2995
Philibert H., 1539
Philippsen P., 1716
Philipson L., 3580
Phillips D. A., 1712
Phillips D. C., 3528
Phillips T. D., 1186
Piatti R. C. V., 5902
Picard G., 3188
Pi-Chang Kong, 4445
Pichard A. L., 1717
Pichet P., 405
Pichinoty F., 4695
Pichon G., 765
Pick J., 103, 433, 434, 4157
Pickard B. G., 5472
Pickett D. J., 933, 4543, 4879
Pickett J., 1005
Picot J. L., 4971
Pieper G., 4417
Piercy R., 1775, 2957, 4228
Pietra S., 3461
Pietri C. E., 391, 739
Pietrzyk D. J., 5213
Pikal M. J., 4747
Pikler A., 3162
Piksarv A., 3160
Pilarczyk M., 1520
Pilard R., 2276, 2844
Pilipenko A. T., 505, 531, 2773, 5387, 5397
Pilipenko I. I., 5219
Pilipushko V. N., 2341
Piljac I., 38, 287, 463
Pilla A. A., 1798
Pillay V. K. G., 2596
Pilloni G., 223, 1052, 3985
Pilnik W., 3684
Pilyugin G. T., 4341
Pimenov A. T., 4907
Pinchuk R. I., 4735
Pines A., 3517
Pines S. H., 4545
Pinna L. A., 5741
Pino F., 5218
Pinson J. P., 3005
Pinzanti S., 1474, 1476, 3354
Piperaki E. A., 4188
Pirogov B. Ya., 4993
Pirogova G. N., 5522
Pirozhkov S. D., 4744
Pisarenko T. A., 1851, 5003
Pis'men L. M., 965, 1883, 1941, 5933
Pistoia G., 2969
Pitre K. S., 5111
Pitter P., 3095
Pizzini S., 2796
Plakhotnik A. V., 2710
Plambeck J. A., 2281
Plastun V. I., 4312, 5384
Platford R. F., 3399
Platikanov D., 4370
Platt H. S., 4652
Plattner E., 2834, 3347
Plavinskii A. I., 4917
Pleitcher D., 3975
Pleskov Yu. V., 88, 3737, 5911
Pletcher D., 181, 716, 1876, 2068, 2909, 3999, 4992
Pletnev V. P., 2065
Pletyushkina A. I., 1597
Plichon V., 118, 1602, 2070
Plichta R., 940
Plieth W. J., 954
Pliginskaya L. V., 2449, 2450
Plisko E. A., 4348, 4458
Plostinaru S., 3428
Plotova H., 5308
Plugotarenko F. I., 3946
Plummer D. T., 3658
Plyakov P. V., 161
Plyaskina I. S., 4765
Pnev V. V., 166, 178, 207, 826, 2009
Po H. N., 1142
Poddar R. K., 5558
Poddar S. N., 2216
Poddubnyi N. P., 5252, 5254
Podeanu G., 609
Podestà J. J., 5902
Podgaetskii E. M., 62, 1747, 4859
Podkorytova N. V., 1032, 1087, 3099
Podlaha J., 2251
Podlahovà P., 2251
Podlesnyak N. P., 5494
Podlovchenko B. I., 793, 864, 1588, 1738, 1753, 2697, 3718, 4726, 5905

Podobaev N. I., 1819, 4783, 5959
Podolyanko V. A., 5492
Podosenova T. N., 728, 1612
Podstolski A., 5784
Poenaru L., 780, 2654
Pogorelaya N. M., 1345
Pogorelyi A. D., 3268, 5305
Poindessault B. L., 2565
Pointud Y., 5228
Poisner A. M., 1690
Poize S., 2844
Pok Ku B., 5153
Pokric B., 3561
Pokrovskaya V. L., 656
Polandov I. N., 2425
Polasek M., 5381
Polianovskaya N., 2696
Polievktov M. K., 333, 359, 374, 3126, 3129, 4109, 4110
Polishchuk A. F., 595, 5481
Pollard L. J., 1519
Polonovski J., 3626
Polonsky J., 340
Polotebnova N. A., 1155, 1373, 4250
Polotskaya R. I., 5335
Polozeva I. P., 229
Pol'shikova L. V., 2356
Polster R., 3803
Poltavtsev Yu. G., 633
Poluektov N. S., 1348
Polumbrik O. M., 2203, 3144, 5176
Poluyanova I. O., 3950
Polyakov P. V., 683, 1570, 5595
Polyakov V. V., 117
Polyantseva M. S., 2026
Polynikova T. K., 352
Pölzl H., 3720
Pomerants G. B., 1314, 4194
Pomianowski A., 1104, 3025, 4733
Pomosov A. V., 2451, 2931
Pong R., 5866
Ponomarenko G. B., 2929
Ponomarev A. I., 5097
Ponomarev Yu. P., 320
Ponomareva S. M., 1462
Ponomareva V. M., 3942
Ponticelli G., 4404, 4413
Ponzano G. P., 5948
Poojari A., 4910
Pool K. H., 2297
Poonia N. S., 4199
Popa I., 2511, 5708
Poparov Yu. M., 671
Pope D. H., 2884
Pope M. T., 5008
Popel S. I., 831
Popereka M. Ya., 950, 1757, 1759
Popescu A., 5447
Popescu G., 662
Popescu I. C., 445, 844, 918, 3168, 3216, 3219, 3220, 3221, 3222, 3223
Popescu L., 449, 3180
Popescu S., 4107
Popescu S. D., 3123
Popkov A. P., 238
Popov A., 4486, 5846
Popov A. I., 2402
Popov B. N., 3773
Popov G. N., 178, 207
Popov M. S., 4254, 4256
Popov V. P., 641
Popov Yu. A., 56, 58, 2981
Popova E., 3497, 3498
Popova E. I., 5007
Popova L. N., 294
Popova M. V., 4678
Popova S. S., 4428
Popova T. I., 843
Popp G., 4466
Poraicu M., 4990
Poroticov V. I., 5465
Portanova R., 1406, 4289
Porter R. D., 2840
Porter W. H., 2528
Porterfield R. I., 3321
Porthault M., 3101
Portnova S. L., 5489
Portonova R., 3277
Portretny V. P., 2951
Portugal F., 3704
Porunova T. D., 4743
Porzsolt E. Cs., 4217
Posadas D., 846
Posey F. A., 828, 1971, 2973
Posgáy Kovacs E., 856
Posner A. M., 2347
Posokhin Yu. V., 4257
Pospelov A. B., 5490
Pospišil L., 6, 1151, 5110
Posta J., 2839
Postma T., 2661
Postnikov V. A., 1248, 2213
Postogvard G. I., 3432
Potapova E. N., 124, 4946, 4947
Potapova G. F., 3495, 5616, 5618
Potier A., 3444
Pottel R., 5916
Potter J., 2630
Potter M., 3669
Pouw T. J. M., 2952, 3155, 3544
Povarov Yu. M., 2935, 3485
Powell D., 2542
Powers R. D., 3378
Poyarkov A. M., 5315
Poyton R. O., 5810
Pozdeeva A. A., 357
Pozhiganova G. V., 2121
Pozin Yu. M., 5951
Prabhakararao K., 2656
Prachar O., 3317
Prádač J., 264, 1121
Pragay D. A., 5753
Prager D. H., 1322
Pragst F., 3023
Praissman M., 1789
Prasad B., 465, 2269, 4215
Prasad D., 3296
Prasad H. S., 5536
Prasad M., 5251, 5504
Prasad R., 4020
Prasad R. K., 3283, 4144, 4241
Prasad S., 3284, 3296
Prassler G., 697
Prater K. B., 1882, 2463, 3783
Prather J. W., 3080
Pratt J. N., 4226
Pravdic V., 2864, 3755
Preda M., 3168, 3216
Preez J. G. H., 4436
Preidel J., 2828, 3013
Preiser H., 5729
Preiza I., 791
Prentice C. R. M., 3632
Preobrazhenskaya T. A., 5114
Presnov V. A., 2813, 4908, 5521
Pretsch E., 1906, 5233
Pribadi K. S., 998
Pribil R., Jr., 4066
Price M. R., 3714
Prijs B., 5259
Prikhod'ko M. U., 1045
Prilezhaeva E. N., 2178
Prince D. A., 3185
Prince R. H., 1522
Pringle J. P. S., 3772, 4828
Pringle J. R., 1634
Prisekina T. N., 1809
Privalova T. P., 831
Prives C. L., 5756
Prochakov V. T., 3576
Prockop D. J., 5787
Proelss H. F., 4260
Prokhorenko L. A., 2212, 4203
Prokhorova G. V., 331
Prokhorova L. A., 3906
Prokof'ev A. I., 5180
Prokopev B. V., 1462
Prokopeva K. A., 1032
Prokopova E., 2521
Prokshin G. F., 4278
Pronin V. A., 3214
Propistsova R. F., 745
Proskura Z. V., 4116
Prosperi T., 5699
Prosser C. L., 2645
Prosvirnova L. N., 354

Protsenko B. A., 3640
Protsenko P. I., 1508
Prue J. E., 5356
Pruidze G. N., 781
Prümke H. J., 4112
Pruslina I. M., 2149, 4028
Pryakhin G. S., 1573
Pryakhin O. P., 847, 2943
Pryanishnikova N. T., 3361
Pryszczewska M., 3052
Przasnyski M., 1009, 1336, 1337, 1953, 1967, 1968
Psarev V. I., 1534
Pshenichnikov A. G., 875, 4727, 5051
Ptak W., 1524, 4385
Ptrànek J., 423
Pub F. B., 1115
Pucar Z., 752, 3561
Pucciarelli F., 122
Puchkovskaya A., 658
Pudovik A. N., 5431
Puglisi V. J., 2073, 3003
Puil E. A., 3713
Pungor E., 103, 389, 397, 404, 431, 434, 446, 1385, 1393, 1424, 1458, 2226, 3164, 3338, 3458, 4157, 4329, 4387, 4929, 5077, 5193, 5309, 5434
Puppione D. L., 4638
Purdie N., 1463, 5523
Purdy W. C., 1609, 4565
Purenovič M. M., 4881
Puri J. K., 1530
Pusch H., 857
Pushkarna S. K., 4179
Pusztai A., 1673
Putrova V. S., 166
Puyo M., 1778
Puz V. V., 3400
Puzanov A. N., 4928
Puzanova T. A., 3276
Pyartman A. K., 4306
Pyatkov V. I., 2320, 3302, 4974
Pybalka K. V., 5847
Pytkowicz R. M., 5226
Pytlewski L. L., 2419, 5543

Quarterman L. A., 4438, 5547
Quast H., 336
Queen A., 997
Queralto A., 4101
Quirk J. P., 2347
Qurashi M. M., 211
Qureshi S., 5889

Raab B., 5738
Raber M. B., 2883
Rabin B. S., 5753
Rabindra P., 5322
Rabinovich V. A., 2233, 2332
Rabockai T., 5033
Raboud M., 3665
Racine Ph., 1258
Racinskas V., 1027, 4529, 5028, 5036, 5624
Racinskiene S., 2470
Radej J., 981
Radoj I., 4941
Radola B. J., 2540, 4615
Radovici O., 1066, 1833, 3478, 3762, 3791
Radu M., 662
Radyuk M. I., 4606
Raekallio J., 1692
Raetzer–Scheibe H. J., 2702
Raev N., 3038
Raevskii K. S., 3361
Ragaii M. F., 2393
Raghavan A., 3303
Ragot M., 455
Rahmel A., 880, 1042
Raible R. W., 4777
Raicheff R. G., 3796, 5966
Raicheva S. N., 236, 237, 1992
Raichevski G., 1608, 5628
Rajagopalan S., 4910, 5441
Rajagpiaman S., 4736
Rajani H. J., 5222
Rajasekaran S., 2745
Rajasekharan N. V., 1347
Raj Kumar Chauhan 2205
Rakcheev V. P., 999
Rakhimov Kh. R., 4212
Rakhimova D. M., 375
Rakiskaya T. L., 1429, 3279
Rakocevic M. M., 4570
Rakov A. A., 3493, 3495, 5616, 5618
Rakovskii E. E., 5701
Raleigh D. O., 5852, 5853
Rallo F., 4136, 5382
Ramachandran K., 5877
Ramachandran N. C. G., 1347
Ramachandran V., 5652
Rama Char T. L., 2468, 5603, 5626
Ramadan A. A., 2318, 4281
Ramakrishna R. S., 4042
Ramakrishnaiah K., 5830
Ramakrishnam E. S., 1436
Ramakrishnan K. R., 2872
Ramamoorthy S., 5304
Ramana Rao D. V., 622, 5516
Ramanarayanan T. A., 509
Ramanathan Vr., 4451
Ramasamy N., 1866, 2954, 3029, 4013
Ram Chand Paul 2205
Rameau J. J., 5399
Ramirez M., 3786
Ramonaityte D., 5088
Ram Parkash, 2205
Rampazzo L., 2161, 3855
Ramsden D. B., 3587
Ramsh S. M., 581
Ramshaw J. A. M., 4611
Rana S. S., 3794
Randall C. C., 2590
Randell A. W., 1416
Randerath E., 787
Randerath K., 787
Randin J. P., 872, 3474, 4742, 4823, 5968
Randles J. E. B., 4741
Randles J. W., 4646
Ranganathan M., 3029
Rangarajan S. K., 54, 937, 938, 947, 948, 4910
Rangaswamy, 5509
Rangelova N., 4370
Ranly W., 1779
Rao A. L. J., 5126
Rao B. V., 4197
Rao D. V., 2429
Rao G. G., 506
Rao G. N., 2415
Rao G. S., 1536, 1580, 2265
Rao J. R., 1836
Rao P. S., 3353, 4349
Rao T. H., 4197
Raphael B. C., 4638
Rapp R. A., 5673
Rasburn E. J., 5478
Rasco M. A., 1680
Rashidova D. Sh., 415
Rashidova S. Sh., 2169
Rashin G. A., 3400
Rashkov S., 676, 1559
Raspi G., 148
Raspopin S. P., 163, 1351, 2320, 3240, 4816, 4974, 5297
Raspor B., 2114
Rassat A., 3024
Rastogi D. K., 5506, 5525
Rastogi M. C., 4587
Rastogi P. P., 597, 613
Rastorguev L. N., 5007
Raszka K., 2873
Ratajewicz Z., 5627
Ratard D., 118, 1602
Ratkovics Schutz R., 3798
Ratliff C. R., 2576
Rattazzi M. C., 2667
Raub Ch. J., 4790
Raub E., 5597
Rauch Puntigam H., 2482
Rauret G., 5435
Rausher A., 2738
Rauzen F. V., 4760
Ravaine D., 1795
Rawat P. C., 2112, 5105
Rawlins C. L., 3374

Ray H. S., 1383
Ray K., 2216
Razumney G., 1791, 2803
Razumovskii V. V., 1439, 4077
Razygraev V. P., 1851, 5003
Read A. J., 2891
Reboiras M. D., 591, 1480
Rechberger P., 4017
Rechnitz G. A., 105, 1907, 2353, 3364, 3367, 4919
Redburn D. A., 1690
Redchits T. I., 2355
Reddy D. V. R., 2681
Reddy S. J., 4572
Redner A., 2954
Redpath D., 3517
Reed R. A., 768
Rees K. R., 3694
Rees M. W., 1713
Rees T. D., 1902
Reeve J. C., 3821
Reeves R. M., 807, 3743
Refshauge C., 119
Rehorek D., 147, 4037
Reichstein E., 5726
Reid M., 3033
Reijnders L., 2676, 3695, 3705
Reikhman G. O., 5174
Reilly C. N., 4836
Reiness G., 3702
Reinsfelder R. E., 502
Reishakhrit L. S., 347, 354, 1187
Reitherman R., 589, 1483
Rekalié V. J., 283, 3054
Rekas M., 1491, 3174
Rekertas R., 5098
Rellstab W., 1904
Remes M., 4123
Remez I. D., 5843
Remijnse A. G., 403, 1266, 3843
Remizova E. G., 3217
Remnev A. A., 800, 801, 5023
Rempel S. I., 1809
Remtulla M. A., 114
Renaud R. N., 3522
Renner T. A., 4401
Repina E. V., 4553
Repinskii S. M., 1055, 1056
Reshetnikova A. K., 4759
Resibois B., 3336, 3337, 5678
Ressler N., 773
Reszthelyi C. P., 5876
Retter U., 1755, 4085, 5832
Reusch C. F., 4462
Reusmann G., 1996
Revel L. G., 559
Revel M., 5756
Revel'skii I. A., 3896
Revenko V. G., 293
Revenkova L. A., 3576
Revina E. M., 3938
Reynolds R., 5656
Rezchikova T. V., 5542
Reznick A. Z., 762
Reznichenko V. A., 3272
Reznikova L. A., 843
Reznikova S. S., 1880
Reznitskii L. A., 648
Rezukhina T. N., 1377
Rhone D. P., 3683
Riande E., 591, 1480
Ribereau Gayon P., 2290
Rible H., 4670
Ricciotti P., 3660
Rice G., 5255
Rice J. M., 2527
Rice R. H., 2684
Rich A., 5765
Richardson J. A., 3767
Richardson N. E., 5776
Richardson W. H., 2217
Richter G., 1835, 1836, 1856, 2775
Rickert H., 1366
Rickwood D., 5722
Riecanska E., 1301
Riecke R. D., 243, 2761
Rieman N., 1463
Riemer J., 5207
Rifi M. R., 2487
Rigdon L. P., 5677
Riggs A., 5678
Righetti E., 3385
Righetti P. G., 4601
Rigo A., 3081
Riha J., 1840
Riker J. M., 3438
Riley F. L., 5720
Riley M. V., 3170
Riman R., 5694
Rinaudo M., 1467
Ringen J. C., 5118
Riseman J. H., 1358, 2291
Riskin I. V., 1846
Risyalis S. P., 5612
Ritchie G. A. F., 3709
Rivas J., 784
Rivas M. L., 4674
Rivat C., 376
Rivkin E. P., 4474
Rivkin S. L., 4917
Rizmayer E. M., 1766
Rizzarelli E., 1090, 4069, 5034
Rizzo E., 2358
Robbins C. W., 2317
Robbins K. C., 3647
Robbrecht R., 2167
Robert J., 678
Roberts B. E., 4603, 5756
Roberts D. B., 764
Roberts D. W. A., 5788
Roberts E., 3662
Roberts J. L., Jr., 5013
Roberts N. K., 5083
Robertson P. M., 2071, 5637
Robertus R. J., 2898
Robin J., 2680
Robinette A. F., 5279
Robins E., 2668
Robinson J. R., 4626
Robinson R. A., 3, 50, 4301
Robinson S. D., 5505, 5510
Rock P. A., 1275, 1802
Rodante F., 4136
Rodbard D., 772, 1626, 4577, 4595, 4597, 4655
Rodgers R. S., 806, 3748
Rodges R. S., 822
Rodichov A. G., 1391
Rodima T., 5438
Rodin D. P., 1621
Rodriguez J., 284
Roeschenbleck B., 1845
Rog G., 3174, 3196, 3298, 4307
Rogatinskaya S. L., 2192
Rogers D. S., 2297
Rogers M. E., 1729
Rogers R. W., 2887
Rohde N. M., 3045
Rohm T. J., 4561
Roi N. A., 1504
Roi N. I., 1251
Roisman F. R., 4656
Roitti S., 3429
Roizenblat E. M., 90, 94, 4964
Rojahn T., 377
Rojas de Diego J. L., 4520
Rokosz A., 461, 3238
Rolàn A., 3010
Roman E., 4704, 5941
Romanenko L. V., 3066
Romanetti R., 1900, 2303, 3300, 5303
Romanin A., 1220, 2180
Roman'kov Yu. I., 5512
Romanov G. V., 5431
Romanov V. M., 1757, 1758
Romanov Yu. F., 1001, 4922
Romanovets E. S., 4355
Romanowski S., 1336, 1337
Romashchenko N. A., 5481
Romashkan A. D., 5912
Rona J. P., 2379
Ronald K., 3638
Ronlan A., 4547, 5048, 5060, 5643
Roozen J. P., 3684, 5185
Ropartz C., 376
Ropot V. M., 1204
Roque da Silva A. M., 5106
Roques M., 4672
Rosado A., 3470

Rosanske T. W., 4890
Roscoe R. C., Jr., 5760
Rose F. A., 1710
Rose N. J., 5557
Rosemberg M. E., 3167
Rosemond H., 3646
Rosen M., 410
Rosenberg B., 5923
Rosenberg H., 2666
Rosenberry T. L., 3380
Rosenko S. G., 2410
Roshchina V. R., 4242, 4245
Roshdestvenskii V. I., 3886
Rosin R., 1652
Roskin E. S., 421
Ross J. W., 2291
Ross W., 2672
Rosseinsky D. R., 1186
Rossel J., 4381
Rossel's A. N., 4362
Rosset R., 2760, 4276
Rossi F., 1015
Rossina N. G., 2451
Rosso J. P., 4695
Rostek H. M., 2894
Rotenberg Z. A., 1869, 5911
Roth J. A., 1638
Rothämel W., 899
Rotinyan A. L., 416, 1891, 3938, 4305, 4470, 4560
Rotmans van Poppel M., 1675
Roué F. V., 5608
Roušar I., 29, 84, 2745, 5623, 5972
Rouseff R. L., 3022
Roushdi S. M., 4976, 5027
Rousseau R., 2000
Rousselet D., 3444
Rout M. K., 3465
Routs R. J., 4641
Routsis K., 1739
Roux R. A., 3519
Roux S. J., 2440
Rowe J. A., 2901
Rowen M. J., 3924
Rowlands D. J., 2535
Roxbergh C., 3556
Roy A. S., 941
Roy A. K., 4039, 5096
Roy K. B., 2374
Roy P. C., 2429
Roy R. N., 4301
Roy Caplan R., 4900
Rozanov I. G., 3310
Rozemblatt S., 5756
Rozenfel'd I. L., 886, 889, 5964
Rozentsveig S. A., 5980
Rozhdestvenskaya Z. B., 216, 2145
Rubaud M., 5949
Rubel S., 1143, 3039, 3064
Ruberto U., 3660
Rubin R. W., 2585
Rubinstein A. M., 2424
Rublev V. V., 690, 2032
Rubtsov V. K., 4347
Ruby W. R., 1947
Rud Yu. V., 630
Ruddle F. H., 779
Rudelle R., 962, 2022
Rudenko M. N., 4116
Rudin V. D., 1166, 2006, 2136, 2142
Rudnik I. M., 5526
Ruegamer W. R., 4600
Ruetschi P., 3266
Ruevskii S. I., 2825
Ruff W. L., 5613
Ruhlmann E., 3927
Rukhadze E. G., 4031
Rumeau M., 1419
Rusina A., 3141
Rusina M. N., 1303
Ruskol Yu. S., 888, 4817
Russell W. C., 3578
Rustagi S. C., 2415
Rutskaya M. S., 1544
Rutter W. J., 2634
Ruvinskii O. E., 2829, 4072, 5137, 5142
Ruzič I., 981, 2830, 3814, 3827, 3828, 4860, 4861
Ruzička J., 1286, 1323, 3205, 3885
Ruzinov L. P., 5609
Ryabinina N. I., 1765
Ryaboi A. Ya., 2048
Ryabov V. R., 3770
Ryabova R. S., 1537
Ryabukhin V. A., 2735
Ryabushko O. P., 5397
Ryan T. H., 4201
Ryazanov A. I., 4528
Ryba O., 423
Rybalka K. V., 1772
Rybalko L. E., 1767, 2712
Rybkin Yu. F., 1420
Ryde Petterson G., 710
Rykova L. N., 1269
Rysaeva M. M., 1215
Rysev A. P., 3161
Ryskin M. Ya., 4280
Ryumina M. M., 4460
Ryzhik O. A., 4287
Ryzhov V. D., 1542

Saadi B. M., 3201
Saakyan R. S., 5585
Saarinen H., 2287, 3241, 3254
Sabatini A., 3836
Sabbah R., 556
Saber T. M. H., 2077, 2174, 2175, 4093
Sabet V., 420
Sabirov F. Z., 199
Sabitova Z. E., 300
Sablina I. V., 4084
Sacchetto G. A., 447, 4193
Sacha S., 4984
Sachs H. G., 5456
Sacks T., 4579, 4581
Sacks T. I., 3571
Sadaaki S., 4183
Sadak J. C., 2474
Sadakov G. A., 1372
Sadaoka Y., 2401
Sadik A. F., 2600
Sadovskaya D. A., 5527
Sadykova L. M., 2595
Saechtling H., 4642
Saeki M., 649
Safargalieva K. M., 4659
Safonov B. A., 4743
Safonov V. A., 820
Sagers R. D., 4626
Sagner Z., 394
Sagoyan L. N., 1927, 2725, 2754, 2755, 4844
Sahabalina V. S., 1640
Sahar A., 4431
Said J., 3324
Saiddington J. C., 2737
Saikina M. K., 1146, 1198
Saini E., 2363
Saita T., 4149
Saito A., 1896
Saito H., 2435
Saito S., 3542
Saji T., 4055
Sakaguchi O., 1205
Sakaguchi Y., 4333
Sakai H., 3260
Sakai T., 4333
Sakai Y., 552, 2401
Sakamoto F., 5732
Sakamoto M., 5159
Sakao H., 1362
Sakharov Yu. I., 886
Sakla A. B., 4029
Sakoh T., 4502, 4552
Sakovets O. P., 4315
Sakoyama Y., 3615
Sakseev D. A., 5006
Sakura, 272, 2395
Sakurai S., 987
Salabai O. A., 4504
Salakhov M. S., 566
Saleh R. M., 128, 5898
Salem R. R., 3731, 5839
Salem T. M., 883, 2780, 2927
Sales L. A., 3426
Salgueiro Martinez A., 4593
Salié G., 963
Saliichuk E. K., 3133
Salikhdzhanova R. M. F., 5080, 5087
Salikova G. E., 758, 1686, 2510

Salim R., 1073, 4944, 5373
Salimova G. G., 4510
Salinas F., 4189
Sallis J. D., 2662
Salomon M., 4190
Saltybaeva L. S., 1238
Saltykova E. A,. 1269
Salve M., 65, 798, 4710
Salzman N. P., 5757
Samborskii B. V., 3151
Samec Z., 2863
Samiev A. Z., 300
Sammartano S., 1090, 4069, 5034
Sammels A. F., 4801
Sammour H. M., 4976, 5027
Samodelov A. P., 3955, 4493
Samoilenko A. D., 2912
Samoilenko V. M., 1330, 1364
Samoilov E. I., 1023
Samoilov G. P., 2960, 4718
Samoilov P. M., 2044
Samozvan N. M., 3765
Samso A., 2680
Samson F. E., Jr., 1690
Samsonov A. P., 1159, 1180, 3067
Sanad S. H., 885
Sanada K., 5568, 5570, 5571
Sanaya T. V., 1282
Sanchez Crespo R., 2329
Sanchez Lassise J. H., 3434
Sanchez Pedreno C., 1254, 5198
Sancho J., 309, 1169, 5132
Sandberg K., 4692
Sandblom J., 430
Sanders G. T. B., 4163
Sandifer J. R., 1930, 2838, 4926
Sanditov D. S., 1911
Sandoz M., 1389
Sanfeld A., 3856
Sang S. L., 765
Sang Hyung Kim, 2221
Sangar D. V., 2535
Sanin K. V., 630
Sanpitak N., 2640
Santa Cruz T. D., 2959
Santappa M., 3303
Santhanakrishnam V., 4451
Santhanam K. S. V., 855, 5172
Santos I. O., 769
Santschi P. H., 5669
Santy P. A., 116
Sanyal R. M., 1137, 4125
Sanz Pedrero P., 1036, 2132
Saparov A., 5285
Sapio J. P., 5291
Saraeva V. V., 3127
Sarangi A. K., 5201
Sargent M. L., 782, 1715
Sari J. C., 455
Sarin R., 2278
Sarkar B., 924, 1305, 1306
Sarkar S., 2430
Sarkis'yants N. A., 3936
Sarkysyan A. A., 1250
Sarmaitis R., 5098
Sartorio R., 606
Sasabe M., 3178
Sasaki K., 1937, 2078, 4006
Sasaki M., 5592
Sase E. G., 2252
Sasek A., 1672, 3613
Sata T., 2734
Satake H., 1386
Sathyanarayana S., 3853, 3871, 4062, 4734
Sato G. P., 2119
Sato M., 1887, 3910, 5663
Sato N., 157
Sato S., 5786
Sato T., 170, 448, 4293
Sato Y., 155, 5019
Sauer J., 2828
Sauer Z., 1958
Saunders A., 213
Saunders R. M., 3657
Sautkin V. V., 4917
Sautter F. K., 2474
Savalov S. S., 4474
Savéant J. M., 20, 30, 249, 253, 905, 2082, 2824, 3002, 4549, 5062
Savel'eva N. I., 5410
Savel'eva V. N., 2065
Savel'yanov V. P., 2356
Savenko P. V., 142
Savici L., 3220, 3221, 3222
Savinov V. M., 4330
Savintseva S. A., 5632, 5633, 5634
Savvin N. I., 2361
Savvin S. B., 745
Savy M., 5614
Sawa J., 5627
Sawai T., 3672
Sawanishi N., 3280
Sawyer D. T., 2030, 5013
Sawyer G. E., 1866
Sawyer P. N., 1866, 3028, 3029, 4013
Saxena R. S., 481, 2166, 3073, 3134, 3257, 3304, 5101, 5300
Saxena S. K., 4791
Sayanova V. V., 1678
Saygin O., 5645
Sayo H., 1120, 5045, 5067
Sazhin B. I., 653, 3463
Sazhneva T. V., 4229
Scanu A. M., 4640
Scarpelli E. M., 3614
Schaer M. J., 2898
Schäfer H., 2822, 3320
Schaffer F. L., 1728
Schaffer H. E., 115
Schaldach M., 1865
Schaller R., 2767
Scharff J. P., 4304
Scharma C. K., 2294
Schatz G., 5810, 5811
Scheinberg I. H., 5702
Schejter A., 2377
Scheller F., 4085, 4112, 5186
Schellner H. P., 3589
Schempp W., 4583
Schenk H. J., 3318
Schenk W., 358
Scherer G., 899
Scherlock J. C., 1002
Schiavon G., 3997, 4749, 5047
Schick A. L., 3309
Schiefer S., 2670
Schierer J. E., 615
Schiffrin D. J., 202, 2685, 2933, 4741
Schindler P. W., 411, 1368, 5669
Schiraldi A., 3181
Schlag B., 2537
Schlam M. L., 1005
Schlapfer P., 1258
Schlegel B., 2197
Schlesinger S., 4650
Schluter D. N., 1102, 1103
Schmakel C. O., 5172
Schmeling E. L., 1845
Schmickler W., 1870, 1872
Schmid G., 5922
Schmidt E., 156, 1078, 2703, 5056
Schmidt G. H., 2556
Schmidt J., 5733
Schmidt K. G., 3592
Schmit J. M., 1539
Schmitt A., 1871
Schmitt G., 1845
Schmittinger P., 68, 77
Schmitz J., 5729
Schnaare R. L., 3838
Schnakenberg J., 2820
Schneeberg E. P., 1384
Schneider A., 640
Schneider Fr., 2383
Schneider H., 1109, 1313
Schneider S. L., 4629
Schneider Yu. R., 968
Schober D., 2526
Schoenherr J., 1481
Schoenmakers A., 4106
Schofield B., 1553
Scholl H., 1756
Scholtz R. G., 3957
Schöner H., 28
Schöneshöfer M., 5184
Schoonheydt R. A., 2387
Schoonman J., 4429

Schöppel H. R., 1859, 5930
Schouler E., 3766
Schroder K. H., 4321
Schroeder R. R., 903, 979, 1878
Schrohenloher R. E., 1683
Schub J. M., 1173, 2148
Schubert A., 8
Schubert P., 982
Schuffenhauer W., 850
Schuldiner S., 410, 5888
Schulte R., 1856
Schultheiss P., 1816
Schults R. D., 2354
Schultze J. W., 1813, 1857, 1858
Schumann D., 1934
Schumann W., 3595
Schurz J., 4583
Schutgens R. B. H., 3705
Schwabe E., 1646
Schwager F., 2071
Schwantes M. L., 3666
Schwarts B., 3486
Schwarze H., 5721
Schwarzer E., 239, 956
Schwenke K. D., 5738
Schwenker U., 2598
Schwochau K., 3318
Schwuger M. J., 2894
Scott F. A., 5674
Scribner J. D., 2527
Scripcariu D., 777
Sculfort J. L., 1363, 2022
Scurzi W., 4654
Seah T. C. M., 5779
Seal B. K., 743, 744
Searle B., 2953
Sears A. R., 797
Sebenji F., 1792
Secchi C., 1636
Secor F. W., 5935
Seddon D., 1075
Sedemerova V., 3629
Sedysheva L. P., 421
Segizbaeva S. S., 1445
Seifert H. J., 4517
Seiffert J., 345
Seifulina P. I., 1531
Seifullina I. I., 642
Seigel T. M., 3121
Seitkaliev K. S., 2578
Seitov Z. S., 2578, 5750
Seitzhanov A., 4707
Seiyama T., 5592, 5601
Sekera J., 4935
Sekerka J., 3335, 3887
Sekhon B. S., 4179, 5307
Sekikawa K., 113
Sekine I., 158, 3740
Sekine T., 837, 838
Sélegny E., 2865, 3861
Selevin S. S., 2692
Selig W., 2324, 3256, 3332, 5351
Seliverstov P. V., 4528
Selke E., 757
Sellers R. M., 2171, 5147
Selzle H., 1861
Semakhina N. I., 3508
Semancik J. S., 3698
Semanov G. N., 945, 5698
Semchenko D. E., 1079
Semchenko D. P., 2036
Semenchenko S. A., 3779
Semenov V. A., 1215
Semenov V. P., 4397
Semenova A. D., 1737, 4756, 5834
Semina L. A., 870
Seminaro A., 4422
Semler M., 4171
Semochkin S. Ya., 4234
Sen B. K., 4045
Sen R. K., 2, 5
Sen U., 2236
Senda M., 323, 328, 2096, 3050, 3143, 4087
Senezuk W., 4060
Sengün F. I., 379
Sengupta A. K., 5511
Senko A. V., 1206
Senkowski T., 1167
Senkyr J., 4187, 5381
Seno M., 712
Seno T., 2674
Senov P. L., 4605
Sentemov V. V., 3449, 5556
Sentyurin I. G., 3549
Seo E. T., 3777
Sepa D. B., 4769
Serazetdinova V. A., 1238, 3139
Serebrennikov V. V., 4776
Sereda P. A., 671
Seregin V. M., 5315
Sergeev G. M., 5376
Sergeev V. A., 1221
Sergeeva A. M., 600
Sergeeva A. N., 4195
Sergeeva I. A., 1504, 1505, 1506
Sergeeva S. R., 1271
Sergeeva V. H., 5526
Sergienko N. D., 2875
Serianz A., 2994
Serman D., 5739
Serna A., 2195
Serov O. L., 5767
Serov V. I., 5474
Serve D., 260, 3024, 4548
Seryshev G. A., 5385
Seshagiri V., 5273
Sesta B., 5503
Sestakauskiene O., 5088
Seta P., 842
Sethuraman P. R., 3245
Setty T. H., 675, 4484, 4959
Sevast'yanov E. S., 1772, 5846, 5847
Sevast'yanov V. I., 1039
Sevastyanova I. G., 1199
Sevast'yanova T. N., 4057
Severova T. A., 311
Sevnyukov N. N., 4977
Sewell B. M., 4652
Shabaga R., 997
Shabanov O. M., 2397, 3394
Shabdenov B. A., 5348
Shaburov M. A., 5219
Shadmanov R. K., 2550
Shafeev A. I., 900, 901, 4833
Shafir J. M., 2281
Shafranets A. F., 5494
Shah J. R., 3198, 3199, 5260
Shah V. K., 3785
Shakhanova R. K., 5564
Shakirov T. T., 375
Shakirova D. M., 1492
Shaklee J. B., 2646
Shakuntala K., 824
Shalaby L. A., 4815
Shalavov A. Ya., 5443
Shalichev Y., 2603
Shamoo A. E., 3469
Shams El Din A. M., 128, 882, 2174, 2175, 5898
Shandruk M. I., 1441
Shapiro V. I., 2985
Shapnik M. S., 141
Shaposhnik V. A., 4555, 4759
Shaposhnikova G. N., 5202
Shapoval G. S., 3114, 5161
Shapoval V. I., 913
Shapovalov E. T., 5891
Shapovalova T. G., 2298
Shapranova N. I., 4346
Shargool P. D., 1478
Sharipova N. S., 2204
Sharma C. L., 443, 5284
Sharma K. K., 1530
Sharma O. P., 2434
Sharma R. C., 1350, 2286, 4236
Sharma S. K., 5136
Sharov A. F., 2732
Sharova N. G., 1788
Sharovarnikov A. F., 3731, 5839
Sharp M., 532
Sharp W. B. A., 226, 2792
Shatalov A. Ya., 3758
Shatrovskii G. L., 1822, 1823
Shatskii V. M., 4234
Shaturskaya V. P., 1076
Shavgulidze V. V., 2046
Shavit N., 5686
Shchekina G. I., 5346
Shchegoleva S. I., 159

Shchelkunov A. V., 5442
Shchelkunova O. V., 5442
Shcherbak I. F., 3088, 4019, 4068, 4108, 5115
Shcherbak Z. G., 4108
Shcherbakov P. P., 3889
Shcherbakov V. A., 4499
Shcherbina K. G., 4152
Shchigorev I. G., 820, 4827, 5342, 5870
Shchori E., 4395
Sheberstov V. I., 1601, 3982, 5928
Sheelwant S. S., 3134, 3257, 5101
Sheiko I. N., 3778, 4506
Shein S. M., 3115
Sheinina L. S., 3114
Sheinkman A. K., 359
Sheka Z. A., 4403
Shekel J. J., 3578
Shelepin I. V., 1118
Shelepin O. E., 4229
Shelest V. V., 4341
Shelton R. A. J., 4167
Shematek E. M., 4694
Shembel E. M., 13
Shemin D., 5800
Shenoi B. A., 2467
Shepelev V. Ya., 2039
Shepeleva A. L., 5155
Shepelin V. A., 834, 2700
Shephard C. M., 2870
Sheraga H. A., 1477
Sheredeko S. P., 4116
Sheremet G. P., 633
Sheremet N. G., 3130
Sherins R., 4655
Shertan V. S., 2361
Sheshadri B. S., 675, 4484, 4959
Sheshin V. A., 4490
Shestakov B. I., 750, 1619, 1620
Shestakova I. A., 1619, 1620
Shestitko V. S., 3964
Shevshenko N. N., 5295
Shevtsov V. D., 4653
Shibanai D., 5736
Shibata N., 5378
Shields W. R., 686
Shierman G. R., 4134
Shifrina R. R., 4419
Shifrine M., 5766
Shikolyukov S. A., 3606
Shilov B. P., 1464
Shilov V. N., 943, 957, 1446
Shimabayashi S., 608
Shimada K., 113
Shimada T., 4799
Shimanskaya N. P., 337, 368, 3133
Shimanskaya P. P., 4096
Shimasul A., 4684
Shimatani H., 2249
Shimizu H., 419
Shimizu K., 2406, 3403, 3446, 5551
Shimizu Y., 157
Shimoji M., 644
Shimonis I. V., 3311
Shimono Y., 2459
Shin J. J., 3503
Shindler Yu. M., 4258
Shinkai K., 2637
Shinohara I., 3453, 5568, 5570, 5571
Shin Oyama, 674
Shinozaki K., 5163
Shipilova L. V., 3150
Shipotovskii V. V., 2006
Shirahama K., 1279
Shirai H., 987
Shiraishi N., 2323
Shirasawa K., 3420
Shirokov E. A., 1012
Shirokova N. V., 4514
Shirokova V. I., 2057
Shiryaeva O. A., 4057
Shishkin V. N., 1119
Shishkina S. V., 416
Shishkov Yu. I., 2065
Shivahare G. S., 3263
Shivastava A. K., 5506
Shivastava S. N., 5178
Shkodin A. M., 1494, 1495, 1496, 1504, 1505, 1506, 1512, 1513, 2410, 5492, 5493, 5548
Shkolnikov C. N., 1402
Shkolnikov E. V., 643
Shkrob A. M., 4463
Shkuropatov A. Ya., 4788
Shluger M. A., 4514
Shlygin A. I., 3815, 3936
Shoesmith D. M., 134, 848, 2493, 4005
Shono T., 704, 1600, 3476
Shopoval G. S., 2477
Shopron M. V., 4033
Shorokhov N. R., 2498
Shorokhova V. I., 1374
Short D. W., 5673
Short M. N., 1713
Shorygin A. P., 726, 1606
Shoshina I. A., 3938
Shoukrallah I., 5181
Shouzhanov A., 5750
Shovers J., 1691
Shpak I. E., 4485
Shpigun L. K., 331
Shrivastava O. N., 1141, 1150
Shrivastava S. K., 4794
Shromanov A. A., 1435
Shteinberg G. V., 85, 86, 818, 1022, 4865, 4866
Shterman V. S., 4264
Shternina E. B., 4382
Shub D. M., 800, 801, 1601, 3982, 5023, 5928
Shugal N. F., 4440
Shukla J. P., 1309, 4288, 5519
Shukla M. B., 749
Shul'gin L. P., 4480
Shultz M. M., 229, 406, 922, 1271
Shumakovich G. P., 3735
Shuman M. S., 1046
Shumilova N. A., 1023, 1064, 2018, 2960, 4718, 4951, 5826
Shumov Yu. A., 4377
Shumov Yu. S., 1039
Shur A. M., 335, 341, 1209
Shuratnik Ya. B., 222, 707
Shurdumov G. K., 1508
Shurkal T. M., 595, 5481
Shurov N. I., 5277
Shurukhin V. V., 1407
Shurukhin Yu. V., 2044
Shurygin P. M., 1563
Shutov A. D., 1637
Shuvalova I. M., 4803
Shvartsman M. G., 293
Shvedov V. P., 945, 5687, 5698
Shveikin G. P., 637, 638
Shvydkaya L. I., 4509
Shvyrkova L. A., 5203
Sibilëv A. I., 2390
Siclet G., 130
Sidebottom D. P., 46, 47
Sidheswaran P., 2708, 2871, 4537, 4731
Sidnin A. I., 2722, 5831
Sidorenko I. A., 4072, 5137
Sidorenko N. F., 1558, 1762
Sidorenko V. V., 4323
Sidorov V. S., 5749
Sidorova M. P., 870, 1800, 2817, 2845, 2846, 3376, 3761
Sidorova N. N., 1852
Siegel T. M., 5639
Siekowska A., 2759
Siepak J., 4322
Sieprawski M., 3324
Sierra F., 1254, 5198
Sigel A., 5259
Silberstein H., 2589
Silin V. I., 551
Silkina T. G., 1241
Sillèn L. G., 451
Silverman C., 4523
Silverman H. P., 5208
Silvester L. F., 1275, 5319
Silvestri G., 3487
Simakin G. A., 1960, 2344
Simanavicius L., 1571
Simanova S. A., 4478, 4532

Simao J., 4043
Simao J. E. J., 5125
Simard S., 3236
Simek J., 547
Simkin N. M., 4706
Simon A. C., 2778
Simon B., 669
Simon J. P., 4936
Simon W., 103, 921, 1906, 3831, 4157, 5233, 5292
Simonds J., 3704
Simonet J., 2186, 2479, 5615
Simonov I. N., 942, 943, 957
Simonov V. D., 3452
Simonova M. V., 5338
Simonova T. S., 5703
Simonsson D., 2812, 4845
Simonyan A. L., 3381
Sinel'nikov B. M., 1825
Sinet M., 2506
Singer B., 3619
Singer G., 2562
Singh B., 2362
Singh B. N., 4039, 5096
Singh D., 4396
Singh G., 479, 1802
Singh J., 2682
Singh H. M., 3103, 5437
Singh K. C., 2268
Singh K. K., 3283
Singh M. K., 3208
Singh R., 4412
Singh R. D., 605
Singh R. P., 3046, 5274
Singh S. P., 5357
Singhal S. C., 1378, 5358
Singhal T. C., 4766
Singhi V. C., 4184
Singla J. P., 4388
Sinha H. K., 2269
Sinibaldi M., 5699
Sinichkin A. A., 5740
Sinicki C., 1472
Sinitsyna G. S., 1619, 1620
Sinko I., 1034
Sinkovic J., 5877
Sinyakova S. I., 313, 910, 2057
Sinyavskaya E. I., 4403
Sinyavskii V. G., 3460
Sinyukova L. I., 5588
Sinyushin H. N., 5963
Sioda R. E., 3847
Siraev N. S., 1572
Siriški J. S., 381
Siska E., 1244, 4113, 4114, 5193
Sister Yu. D., 3146
Sitalo L. I., 384, 2210
Sitnina N. Y., 1709
Sivakumar R., 5603, 5626
Sival J., 3695
Sivaraja Iyer S. R., 2942
Sivkov I. G., 4021
Six H. R., 3651
Sizintseva N. F., 2284
Sjoberg B. M., 1687
Sjoberg S., 1304
Skaliky M., 5308
Skarzewski J., 2183
Skelton W. H., 2228, 5341
Sklyarenko I. S., 3549
Skobeev I. K., 3475
Skobets E. M., 1783, 2730, 3751, 4752, 5161, 5862
Skoblei M. I., 5396
Skogerboe R. K., 25, 2007
Skoluda E., 5976
Skopal F., 4893
Skorchelletti V. V., 865
Skorduli N. V., 2449, 2450
Skorik N. A., 1349, 5325
Skornyakov N. N., 1809
Skornyakova T. N., 255
Skorobogat'ko E. P., 627, 5514
Skou E. M., 2997
Skreb N., 5739
Skripnik N. A., 4067
Skripnik N. I., 1204
Skrivan P., 5694
Skrowaczewska Z., 2183
Skundin A. M., 2688, 5012
Skurupafis K. A., 4977
Skvirskii L. Ya., 1397
Skvor F., 3837
Skvortsov N. P., 256
Skvortsova G. G., 3436
Skwara W., 2299
Slack C., 4368
Slaga T. J., 2527
Slanina J., 2315
Slànsky V., 385
Slavin G., 3108
Slavinskaya R. A., 4433
Sleight A. W., 3413
Slepenkova Z. K., 1372
Slezko G. F., 3133
Slifstein Ch., 4011
Slim I. Z., 2393
Slisarenko V. P., 5156
Sliwinski J. F., 1292, 5244
Slizys R., 3935
Sloan C. S., 4260
Sloof P., 2676, 3695
Slovetskii V. I., 1591, 1592, 1593
Sluyters J. H., 35, 76, 278, 279, 1140, 1174, 3854, 4038
Sluyters Rehbach M., 35, 76, 278, 279, 1140, 1174, 3854, 4038
Smeltzer W. W., 5368
Smiesko V., 1291
Smilh D. G., 5432
Smillie L. B., 2633
Smirnov K. M., 321
Smirnov M. V., 2732, 3276, 3933, 4257, 4377, 4818, 5494
Smirnov S. K., 705
Smirnov S. N., 3889
Smirnov V. A., 1762
Smirnov V. I., 3436
Smirnov Yu. A., 5749
Smirnov Yu. D., 705
Smirnov Yu. R., 1562
Smirnova E. B., 1237
Smirnova E. V., 3869
Smirnova L. A., 598
Smirnova N. N., 4028
Smirnova V. G., 3126
Smith A. E., 3699
Smith A. W., 2783
Smith C. A., 4740
Smith D., 4153
Smith D. E., 37, 74, 1123, 2867, 3098, 3827, 3828, 4861
Smith D. G., 1410, 2234
Smith D. R., 3715
Smith E. E., 3655
Smith F. R., 670
Smith G. H., 2591
Smith H., 3696
Smith H. R., 4275
Smith J. D. B., 3528
Smith J. F., 5341
Smith J. V., 3253, 3282, 5312
Smith L., 4916
Smith M. C., 2604
Smith M. D., 104, 2887
Smith P. Y., 594
Smith R. H., 3314
Smits R., 2392
Smolentseva L. G., 252
Smoler I., 5871
Smorodinov A. N., 4498
Smorodova G. P., 4937
Smrček K., 876
Smykova S. V., 1737
Smyshlyaeva L. N., 3537
Smyslenov A. M., 4426
Snart R. S., 2438
Snetkova L. P., 680, 1035
Snezhkov V. I., 4386
Snyder P. G., 2675
Soare T., 5447
Sobina N. A., 320, 3116
Sobkowski J., 3728
Sobol' V. V., 2798
Sobolev R. P., 5487
Soboleva D. A., 3350
Sobrino J. A., 747
Socha J., 2368, 5597
Sodhi H. S., 1656
Soejima M., 4661
Soergel M. E., 1728
Sofronkov A. N., 1433, 4908

Sofrygina L. M., 4278
Sogani N. C., 5328
Sohr R., 3724
Sohtell M., 2292
Soignet D. M., 5897
Soininen R., 3678
Sokolik A. I., 5078
Sokoloski T. D., 4016
Sokolov A. V., 2607
Sokolov L. B., 4330
Sokolov M. A., 95, 976, 1950
Sokolov O. M., 4460
Sokolov S. D., 4110
Sokolov V. A., 5000
Sokolov V. P., 3115
Sokolov Yu. M., 1926
Sokolova E. I., 236, 237, 4906
Sokolova I. D., 602
Sokolova L. A., 2055
Sokolova T. V., 5695
Sokol'skaya E. M., 2298
Sokolskii D. V., 503, 1429, 1445, 3279, 3513, 4168, 4258, 4538, 4539, 4707, 4709, 4730, 4923, 4952, 4953
Solacolu I., 1066, 1833. 1972, 2916, 3478, 3791, 5931
Solhjell S., 164
Solodkova L. N., 2455
Solodovnikova S. P., 5180
Sologub D. B., 4280
Solomakha V. N., 4233
Solomatin V. T., 2214, 2990, 4117, 4121
Solomin A. V., 3525
Solomin G. A., 5215
Solov'ev Yu. B., 5411
Solov'eva Z. A., 2455
Solovikh T. P., 4076
Soman S. V., 5441
Somasundaran P., 3897
Someno M., 3178
Somin I. N., 4346
Sommer R. G., 3149
Somov A. P., 5321
Sondheimer F., 5073
Songina O. A., 216, 392, 1255, 2145, 2204, 2211, 3139, 4969
Soni A. N., 4452
Soni R. N., 5136
Sonnhof U., 1961
Sontag G., 5195
Soo A., 5056
Soon D. D., 4147
Soos P., 2618
Sopel'nyak D. S., 2136
Soria J. A., 636
Soroka V. A., 3998
Soroka V. V., 4426
Sorokin A. D., 1006
Sorokin I. N., 3017
Sorokin V. I., 3043, 5586
Sorokskaya L. B., 3145
Sosenkin V. E., 2774
Sosin Z., 5379
Sosonkin I. M., 352
Sosto F., 3660
Sotnikov A., 1909, 4706, 4773
Sotskova T. Z., 833, 2391
Souchay P., 4054
Souhami R. L., 4652
Soukup L., 2162
Souquet J.-L., 1795
Sova O., 2532, 2577
Sovago J., 3213
Spaans A., 3117
Spacu P., 3428
Spaepen G., 4824
Spalek O., 2758
Spasskaya E. K., 5000
Speca A. N., 2419, 5543
Specker H., 1048
Spedding P. L., 1499
Speedy R. J., 5501
Spell E., 1650
Spevackova V., 3258
Spevak A., 4123
Spiegler K. S., 5877
Spiers D. J., 4874
Spindler A. J., 5574
Spindler H., 147, 4037
Spini G., 2106
Spinola Roque Da Silva A., 5106
Spiridonova L. A., 2178
Spirina S. V., 4137, 5229
Spirlet J. C., 1786
Spiro M., 46, 47
Spiro M. J., 3650
Spitsyn V. I., 3534, 5421, 5522
Spitzer J. J., 2232
Spivak L. L., 1449, 5423
Spizizen J., 3667
Spooner R. L., 5776
Sporysz W., 3035
Springer W., 1301, 2250
Spritzer M. S., 242
Squire J. M., 3627
Squires R. W., 2311
Srb A. M., 3603
Srb V., 196
Sribrii L. E., 3043
Srinivasan R., 1468
Srinivasan S., 1866, 2954, 3028, 3029, 4013
Srinivasan V. S., 2987
Srivastava B. S., 4587
Srivastava M. N., 3208, 3209, 4198, 4238
Srivastava O. N., 3100
Srivastava P. K., 3357, 5192
Srivastava S. K., 4174
Srivastava S. N., 1617, 4044
Srogl J., 2496
Srtamonova E. K., 5625
Sryvalin I. T., 1394
Stace H. C. T., 5223
Staehle R. W., 5979
Stahlavskà A., 385
Stainov D., 5803
Stalidis G., 4053, 5145
Stamp J., 2027
Stan M., 632
Standara S., 5833
Stanfield B. M., 3793
Stange J., 4820
Stanishevskii P. P., 5965
Stanko V. I., 1603
Stankoviansky S., 1217
Stanley B., 5757
Starà V., 306, 5128
Starchenko A. V., 2357
Starer-Mendes H., 3466
Starichenko V. F., 3115
Starkova T. F., 5306
Starlinger H., 1068, 2963
Staroscik R., 3165
Staroshitskii P. Ya., 5490
Starshov J. M., 3327
Stasicka Z., 1167, 2144
Stasiuk L., 4629
Stäudinger M., 2650
Stavitskaya A. V., 5740
Stavrou D., 3593
Steckhan E., 4007
Stedman G., 5344
Steel B. J., 5237
Steenkamp P. J., 5533
Stefani D. V., 4669
Stefek S., 663
Steffensen D. M., 4623
Steger H., 3888
Stein A., 4448
Stein H., 5770
Steinberg M. H., 3637
Steinberg R. H., 5461
Steinbrecht I., 1230
Stelman N. S., 5522
Stenina E. V., 3033, 5837
Stenina N. I., 3156
Stenius P., 5238
Stenman U. H., 1631
Stepak R., 461, 3238
Stepan J., 2899, 4934
Stepanchenko S. A., 4019
Stepanenko V. G., 2956, 5896
Stepanov A. V., 78, 750, 1619, 1620
Stepanov G. K., 3819
Stepanov V. P., 2732
Stepanova I. A., 3992
Stepanyan I. S., 4470, 4471
Steponavicius A., 1135
Stepuro I. I., 1189
Sterlina L. I., 1543

Stermitz F. R., 720
Stern S. A., 3749
Sternberg B. M., 2095
Sternberg S., 1054, 3723, 3750, 3753, 4222, 5861
Sternerup H., 109, 2488
Sternson A. W., 1122
Stetsenko A. I., 1437, 1438
Stevens M. R., 711, 753bis
Stevenson B. K., 4190
Stevenson F. K., 3673
Steyn W. M., 1615
Stibitz G. R., 3862
Stiefel D. J., 2635
Stigbrand T., 2569
Stiiwe A., 5908
Stiller A. H., 5366
Stirrup B. N., 3954
Stnić Z., 366
Stoch A., 312, 1160
Stock J. T., 3533
Stockmans W. J., 5621
Stoeffler G., 3596, 3700
Stoenhart P., 1739
Stoichev D. S., 676, 1559
Stokes A. M., 1710
Stoklosa M., 296
Stolbov V. I., 1452
Stoll P. J., 4920
Stolovitskii Yu. M., 4788
Stomberg A. G., 4965
Stonehart P., 1097, 1854
Storch V. H., 2572
Storchak N. N., 2021
Stormont C., 5766
Storozhenko V. N., 2273
Stösser R., 2828, 3004, 3013
Stotzky G., 760
Stradins E., 755
Stradins J., 3020, 4738
Stradyn' Ya. P., 367, 4079, 4098, 5174, 5840
Strafelda F., 3112
Straka F., 5221
Strakhov I. P., 1370
Strakhova V. V., 3918
Stransky Z., 4927
Strashnenko A. V., 3248
Strashnenko R. K., 3248
Stratev A. I., 1735
Stratil A., 5776
Stratula-Ciobanu A., 3456
Stratulat A., 1616
Straumanis M. E., 4774
Strauss J., 3290
Strauss W., 1519
Strehlow H., 906
Strekalovskii V. N., 4409, 4421
Strelbitskii O. G., 5595
Strelin S. G., 1438
Strel'nikov M. I., 4335
Strikler A., 3571, 4579, 4581
Strizhak N. P., 3460
Strizhev E. F., 4309
Strizhov N. K., 3068
Strobel H. W., 3599
Stroes J. A. P., 2661
Strojek J. W., 980, 1829, 2885
Stromatt R. W., 470
Stromberg A. G., 1880, 1898, 2033
Strominger J. L., 1695
Stroot P., 3261
Struck B. D., 1454, 2369
Struhar M., 2250
Strukov I. T., 758, 1686
Strukova M. P., 3343
Stucki S., 1078, 2703
Stuebchen-Kirchner H., 1677
Stukalo V. A., 5248
Stukato V. A., 4166
Stulik K., 93, 211, 1973
Stuliková M., 93, 145, 1047
Stummerer G., 1331
Stutter E., 3784
Stüwe A., 233, 5070
Stworzewicz T., 4295
Styaponavichyus A. A., 150
Styrkas A. D., 684, 1566
Suarez T. E., 1316, 5253
Subbarao E. C., 1521
Subbotin V. A., 352
Subbotina E. A., 2449, 2450
Subert J., 4350
Subirana J. A., 4644
Subrahmanya R. S., 5413
Subramanian M. S., 4288
Su-Chan Moon, 1456
Suchkov A. B., 2469
Sudakov A. R., 2206
Sudarikov S. A., 40, 41, 42, 917, 3830
Sudderuddin K. I., 778
Suderman H. J., 3638
Sud'ina E. G., 1643
Sugano M., 361
Sugawara M., 5663
Sugden B., 3690
Sugimura T., 4786
Sugisawa Y., 4502, 4552
Sugita E. T., 3838
Sugita K., 2793
Sugita T., 3377
Sugiyama M., 2389
Sugiyama S., 2610
Sukada P., 4648
Sukava A. J., 3477, 3479
Sukhomlinov A. B., 2128
Sukhoruchkina A. S., 1248, 2213
Sukhotin A. M., 5965
Sukhushina I. S., 1376
Sukigara M., 334, 863, 3523
Sullivan T. A., 692, 3492
Sultanova U. S., 1998
Sumarokova T. N., 3173, 4173, 4433
Summaria L., 3647
Sümmermann W., 232
Summers J. W., 1547
Sumskaya L. V., 5489
Sumtsov B. M., 4608
Sunar O. P., 3203, 3275, 5323
Sunblad L., 3682
Sundaram A. K., 5091
Sundaram E. V., 4344
Sundaram G. S., 1656
Sundaresan R., 5091
Sundburg W. J., 3486
Sunderman H., 4274
Sunegin G. P., 160
Suonjää M., 3241
Supalert Y., 2640
Supin G. S., 3130, 3146, 4084, 5164
Suprunovich V. I., 386, 1256, 5190
Sur L. A., 1919
Sur S., 664
Sura J., 3086
Suri A. K., 1583
Surikov I. A., 2403
Surkov M. E., 3894
Surles T., 4438, 5547
Surmy A. M., 2215
Surpina L. V., 1535
Surzin J., 2532
Suslova V. N., 4380
Susor W. A., 2634
Susorov G. B., 4410
Sustersic M. G., 3948, 3949
Suto T., 4931, 5679
Sutton J. R., 5640
Sutton P. R., 4887
Sutyagina A. A., 231, 1590, 1734, 4715
Sutyagina G. N., 15, 3824
Suvorov B. V., 1238, 3139
Suvorova L. M., 4426
Suvorova-Shapovalova L. B., 4709
Suwalski J. P., 1161
Suzuki K., 2119, 3455
Suzuki M., 3516, 5565
Suzuki S., 140, 171, 204, 610, 1705, 3652, 4143
Suzuki T., 1630, 2342, 4487, 5774
Suzuki Y., 3459, 4687, 5539
Svateeva L. A., 4127
Svec A., 2889
Svendsen P. J., 2608, 2612, 5682
Sverbil' S. P., 4099
Sveshnikova L. L., 1055, 1056
Svettsov V. I., 5970
Svist E. I., 2911, 3902

Svistunov V. A., 436
Svitek J., 3162
Svojtokova E., 3630
Swami M. P., 5506
Swank H. D., 3899
Swank R. T., 2652
Sweeney G. D., 2412
Swern D., 3142
Swetik P. G., 4012
Swinkels D. A. J., 5932
Swislocki N. I., 2636
Syaduk V. L., 2787
Syamsunder S., 4286
Sykora C., 4210
Sykut K., 2879
Syrchenkov A. Ya., 2361, 4264
Syrkin Ya. K., 5416
Syromyatnikov G. A., 5585
Syrykh T. M., 2325
Sysoeva V. V., 1091, 1092
Syuch M., 3074
Szabo A., 5529
Szabo G., 32, 2852
Szabò K., 817, 1019, 2917, 2918
Szamrey I., 3728
Szarvas P., 1430
Szczepaniak W., 4322
Szczerbiec J., 2879
Szczesniak B., 5976
Szebenji F., 402, 3968
Szepesvàry E., 404, 1393
Szklarska-Smialowska Z., 1940
Szmerekova V., 291
Szpak S., 2934
Szurkos A., 360
Szuster L., 3573
Szymaszek A., 1138
Szynkarczuk I., 1143

Tabaković I., 366, 717, 1218
Tabanelli G., 5947
Tabat St., 5976
Tabatabai M. A., 1293
Taborsky O., 3574
Tachibana K., 836
Tachikawa H., 5873, 5875
Taddia M., 4022
Tagami S., 590
Tagirov S. M., 2397, 3394
Taglia V., 2513, 3562
Taits P., 2433
Takagi M., 585, 665
Takahashi H., 4625
Takahashi K., 129, 1957, 3892, 5352
Takahashi M., 1164, 2401, 5675
Takahashi S., 5599
Takahashi T., 108, 3416, 4434, 5225, 5539
Takahashi Y., 2376
Takamoto S., 439
Takamura K., 2074, 2089, 5159
Takamura T., 155, 2074
Takano N., 361
Takasaki Y., 3840
Takata Y., 112
Takaya M., 1667
Takayama S., 3419
Takehara Z., 203, 3481, 3752, 4798, 4800
Takei T., 1560, 2473
Takeno N., 361
Takeshita K., 2486
Taketa K., 1698
Takeuchi H., 1164
Takeuchi S., 5113
Takeuchi T., 5369
Takezawa S., 3388
Takino Y., 3280
Taku K., 274
Takyvoryan N., 5591
Talamo R. C., 3710
Talati A. M., 5553
Talbot P., 2535
Talipov Sh. T., 1245
Tallec A., 2495, 5661
Tamai H., 2733
Tamamushi R., 967, 1957, 3892
Tamari K., 4333
Tamaru K., 5969
Tamhankar R. V., 4197
Tamm L. V., 1983, 4950
Tamm Yu. K., 1983
Tammilehto S., 1226, 4095
Tamura H., 208, 259, 5069, 5670, 5955, 5957
Tamura T., 2050
Tan J. S., 4324
Tan Y. L., 2254
Tanaka H., 2321, 2335, 3520
Tanaka K., 1667, 4056
Tanaka M., 3016, 4781
Tanaka N., 1814, 1937, 2060, 4434, 4755
Tanaka T., 732, 3542, 3677
Tanaka Y., 5662
Tananaeva N. N., 1152
Tanaseichuk B. S., 1119
Tandan K. N., 4427
Tandecarz J., 2663
Tandon J. P., 1350, 2286, 4236, 5357
Tandon S. G., 2373, 4339, 5261, 5377
Tandon S. N., 3357
Tanev G., 2603
Tani T., 3359, 5177
Taniguchi Y., 3455
Tanii T., 5578
Taniuchi K., 2405
Tanner H., 1389
Tann G. B., 946
Tanobe C., 2230
Tantardini F., 3991
Taqui Khan M. M., 5268, 5322
Taran L. A., 252
Taranets N. A., 4145
Tarasenko V. D., 2516
Tarasevich M. R., 197, 199, 875, 1025, 1863, 2039, 5820
Tarasova V. A., 205, 1253
Tarasyan V. M., 1249, 5202
Tarasyants R. R., 4315
Taraszewska J., 3727
Taravkova E. N., 5219
Tarbutton P., 4691
Tardivel R., 3510, 4535
Tarr J., 5188
Tarulli S. H., 302
Tarusov B. N., 4357
Tashiro T., 3358
Tashmukhamedov S. A., 582
Tateda A., 1411
Taulemesse H., 4939
Tavadze F. N., 3322
Taylor C. W., 1653, 2605
Taylor D. F., 3780
Taylor F. A., 3610
Taylor J., 5084
Taylor L. R., 194, 3543, 5671
Taylor P. N., 3743
Taylor R. J., 10
Taylor T., 4495
Tchakarova P., 4135
Tchen T. T., 5782
Tchernyshova A. B., 5005
Tebol M., 4875
Teder A., 1390
Tedoradze G. A., 808, 1747, 1926, 2704, 2717, 2718, 2719, 2724, 3730
Tegelstrom H., 2649
Tember G. A., 5649
Temberg G. A., 1172
Temple E. H., 3172
Temple R. B., 4192
Tencer Y., 4657
Tench D. M., 3746, 5018
Tenenbaum A. E., 3292
Tenford T., 2683
Tennery V. J., 734
Tenno T., 127, 1982
Tenygl J., 4905
Teodorovich R. E., 1194
Tep A., 1966
Te Piao King, 3624
Teplitskii E. B., 3289
Teplov O. A., 1523
Terao K., 1661
Terazawa T., 2460
Terekhov O. P., 4463

Terent'eva E. A., 2149, 4028
Terent'eva N. A., 4166, 5248
Terenteva N. I., 4524, 4533
Ter Karazyan Zh. S., 4471
Tereshchenko M. N., 4760
Terni H. A., 715
Ternovskoi L. A., 3079
Terrier F., 2350
Ter Zakharyan Yu. Z., 4562
Tessier D., 5062
Testerman M. K., 4777
Teterina L. N., 1852
Teuber G. R., 4772
Tevdoradze V. V., 1282
Tevosov S. P., 2955, 3501
Tevtul Ya. Yu., 4300
Tewari R. C., 3209, 4198, 4238
Tezuka M., 867
Thackeray J. R., 98, 1147, 2118, 3965, 5107, 5120
Thackrah T., 4632
Thammana P., 3596
Theander O., 2523
Theodore T. S., 4645
Theophanides T., 4445
Theory I., 1917
Thévenot D., 1219, 2086
Thews G., 2310
Thibert R. J., 5065
Thickett G. W., 4192
Thiébault A., 200
Thijsse H., 3117
Thomas B., 2200
Thomas D. L., 3588
Thomas F. G., 338, 2173, 3124, 3125
Thomas H. G., 5654
Thomas J., 1507
Thomas J. D. R., 919, 4594
Thomas J. M., 5499
Thomas L., 669
Thomas P., 147, 4037
Thomas R. F., 2245
Thomasow J., 1228, 2139
Thompson C. D., 3981
Thompson G. E., 5961
Thompson H., 105, 3364
Thompson J., 224, 685, 1565, 2066, 2933
Thompson L. C., 5528
Thonstad J., 5854
Thorneley R. N. F., 5665
Thornton S. A., 2744
Thornton W., 4163
Throckmorton L. H., 5783
Thull R., 1865
Thun H., 2167, 2888
Thuraisingham R., 4042
Tibbs J., 3583
Tibekina A. A., 2966
Tichy S., 196
Tidwell S., 3080
Tiedemann W. H., 2809, 3473
Tierney J., 2636
Tiesjema R. H., 588
Tikhomirov I. A., 1965
Tikhomirova G. P., 2212, 4203
Tikhomolova K. P., 1788, 4765
Tikhonenko T. I., 2545
Tikhonov K. I., 416, 1891, 3937
Tikhonov N. N., 238
Tikhonov V. P., 1665
Tikhonova L. G., 1119
Tikhonova L. I., 5275, 5294
Tikhonova L. S., 2193, 5167
Tilak B. V., 1096
Tiller C. O., 2947, 3264
Tillmann E., 1068
Tilsley C., 5220
Tilz G. P., 1677
Timofeeva L. G., 5006
Timofeeva Z. N., 339, 2185, 5167
Timotheus V., 5438
Tinberg H. M., 2559
Ting G., 1622
Ting Po I., 442, 3345
Ting Shih C. Y., 4633
Tinius I., 2197
Tinman G., 4657
Tirouflet I., 2154
Tirsar A., 2255
Tischfield J. A., 779
Tishchenko A. A., 1348
Tishchenko I. E., 102
Tissier C., 371
Tissot P., 5945
Ti Tien H., 4796
Titov G. N., 4974
Titova I. A., 2491
Titova I. E., 3741
Titova N. V., 3947
Titova Z. V., 1952
Titus E. O., 1725
Tiwari S. K., 329
Tjell J. C., 1323
Tjien Ngo T., 1478
Tjioe T. O., 1684
Tkach E. F., 4250
Tkach Yu. A., 1781, 2949
Tkachenko L. I., 1512, 1513
Tkachenko T., 1505, 1506
Tkachenko V. D., 1525, 1526
Tkachenko V. I., 5000
Tobias F., 1310
Tobolich V. V., 3499
Tobolik M., 3491
Tochenaya N. P., 1459
Tockstein A., 4893
Todorova N. G., 5427
Toibaev B. K., 2102
Tokel Takvoryan N. E., 1095, 5873
Tokes B., 3062
Tokii T., 620
Tokuda K., 317, 4853
Tokuoka Y., 5700
Tokura N., 3388
Tokusawa J., 741
Tolchinskaya O. E., 1106
Tolstikov G. A., 357
Tolstikova O. A., 1192, 1193
Tomana M., 1683
Tomashov N. D., 888, 4817
Tomasik P., 2182, 2183, 2184
Tomassi W., 977, 1754, 5330
Tomat G., 3277
Tomat R., 3081
Tombrink H. H., 4491
Tomcsànyl L., 5072
Tomerska H., 5746
Tomihisa K., 2389
Tomilov A. P., 321, 688, 690, 705, 706, 1199, 2032, 4540, 5607
Tomita T., 1814
Tomiyasu H., 2307, 4269
Tomkins J., 1263
Tomkins R. P. T., 5217
Tomlinson M., 3875
Tomov I., 1559
Tomov N. R., 5816
Tomson M. B., 1463, 4320
Tondello E., 4289
Tondeur J. J., 5567
Tonk W. J. M., 3371
Topolev V. V., 5819
Toppin M., 5753
Topor D., 3389
Toporishchev G. A., 1794, 1909, 2002
Topshinoeva Z. N., 4386
Torch W. C., 5457
Torgner I. A., 2653
Torii K., 2107
Torii S., 2480, 3520
Torok I., 2330
Toropatskaya N. P., 5609
Toropova V. F., 300, 325, 910, 1149, 4032, 4033, 4034, 5082, 5092, 5410, 5431
Torrance K., 1954, 5386
Torres J., 2533
Torstensson L. G., 4571
Tortolani G., 5709
Toryanik V. P., 4317
Tosteson D. C., 5576
Toth B., 4929
Tòth K., 103, 397, 431, 434, 1296, 1385, 1417, 1458, 2226, 3164, 3338, 3458, 4157, 4329, 5309, 5434
Totsuka S., 3050

Totušek J., 5833
Tourneau J. E., 2421
Towill L. E., 4621
Townsend H. E., Jr., 3319
Toyoda M., 2599
Toyomasu T., 4613
Trachtenberg I., 5245, 5255
Traini A., 3733
Trandafilow A., 5594
Tran Tu An, 1458
Trasatti S., 218, 1768, 3991, 4864
Traub A., 2666
Traut R. R., 2575
Travina L. A., 3964
Travushkina L. F., 2522
Trazza A., 1222, 4008
Tregear R. T., 3627
Treindl L., 308
Trémillon B., 474, 475, 2012, 2922, 4138
Tress E., 2547
Tret'yakova A. Ya., 1460
Triaca W. E., 3948, 3949
Tribollet B., 1989
Trinh P. H., 5877
Tripathi S. C., 5412
Tripathy K. K., 2285
Trivedi C. P., 3203, 3275, 5323
Trocha–Grimshaw I., 2187, 2762
Trofimchuk A .K., 627, 5514
Trofimenko M. I., 3956
Troitskaya A. D., 3449, 5556
Troitskii G. V., 2613
Trojanek A., 3884, 5636
Trojanowicz, 3195, 3235
Tronson D. A., 3709
Tropeano F. A., 2237
Troshin V. P., 603
Trotsenko V. I., 2056
Troupel M., 4956
Trout H. E., Jr., 4819
Trudgill P. W., 4915
Truitt J., 2728
Trunov A. M., 2813, 5521
Trushina I. M., 2145
Trusova K. M., 1437
Trzeciak W. H., 1158, 1261, 2130
Tsacopulos M., 3290
Tsai K. C., 2924
Tsaikov Ts., 3159
Tsai–Teh Lai 3093, 5133
Tsanev R., 5742
Tsankov Kh., 2895, 4447
Tsap M. L., 4116
Tsareva N. F., 4019, 4068, 4108, 5115
Tsarevskaya M. N., 5562
Tsayun G. P., 2365
Tschapek M., 1440
Tschirwitz U., 1837
Tse–Chuan Chou, 3093
Tsentovskaya V. S., 4873
Tsentovskii V. M., 651, 1460, 4873
Tseung A. C. C., 736, 1379, 2746, 5825
Tsibris J. C. M., 3365
Tsintsevich V. M., 4787
Tsionskii V. M., 4468
Tsiovkina L. A., 3933
Tsiplyakova V. A., 288
Tskalobadze L. A., 1221
Tsoneva R. A., 3075
Tsuboi M., 2078
Tsubokura A., 4684
Tsuchida E., 3342, 3453, 5568, 5570, 5571
Tsuda S., 129
Tsugane F., 4564
Tsuiki M., 4483
Tsukurov O. A., 1847
Tsunaga M., 259
Tsung–Yuan Su, 2069
Tsurikov A. A., 2420, 5532
Tsurnorechki O., 2895, 4447
Tsuruoka T., 1568
Tsveniashvili V. Sh., 369, 1221, 4035
Tsventanova A. L., 237
Tsventarnyi E. F., 1977
Tsventarnyi E. G., 1028, 1977, 1990, 4205
Tsvetkov N. A., 1162
Tsvetkov N. S., 4544
Tsvetkov V. S., 2607
Tsybul'skaya E. D., 5610
Tsygankova L. E., 1020, 3244, 4954, 5946
Tsygankova T. B., 5057
Tsyganov G. A., 693, 1058, 1086
Tsyplakov A. M., 683
Tszyu N. L., 5463
Tucker B. J., 5349
Tucker B. M., 5223
Tucker P. M., 3548
Tudoryanu Ploae K. I., 1447
Tugusheva G. A., 5131
Tuichiev A. V., 5723
Tukush V. L., 2920
Tulyupa F. M., 2208
Tumanov A. K., 3540
Tumanova N. Kh., 151, 152, 206, 1045
Tunold R., 3951, 5899
Tupper J. T., 3378, 4366
Turbina E. G., 5958
Turisbekov M., 5442
Turiyan Ya. I., 2128
Turkvan M., 1664
Turner D. L., 1422, 2334
Turner J., 5606
Turner L. V., 3900
Turner M., 5943, 5961
Turner M. D., 783, 5772
Turner M. J., 1742
Turner P. J., 5217
Turowska M., 1879, 2769, 2770
Turq P., 5690
Tursunbaev P., 5723
Turtle J. R., 2566
Tur'yan Ya. I., 350, 1148, 1156, 1192, 1193, 2015, 2094, 2127, 2829, 3068, 4072, 4907, 5137, 5142
Tusak T., 2526
Tuseeva E. K., 2688
Tutane I. K., 367
Tutelea A., 4496
Tuttle M., 3776
Tuxford A. M., 792
Twardoch U., 1782
Twardzik D., 3704
Tyagai V. A., 1793, 1938, 2789, 4901
Tyapkin G. N., 4416
Tynkevich M. A., 5914
Tyrawska Spychalowa D., 3706
Tyrina L. M., 3936
Tysyachnaya G. Ya., 4728
Tyurin E. G., 5527
Tyurin R. S., 5102
Tyurin Yu. M., 256, 810, 1744, 2481, 4711, 5112
Tyutina K. M., 2465, 5865, 5904

Ubele I. P., 5535
Uchida Y., 2150, 3485
Uchiyama T., 1667
Udalova V. I., 1643
Uddin Malik A., 1367
Udovenko V. V., 1314, 4194
Udupa H. V. K., 2445
Udy D. J., 2799
Ueda T., 673
Ueda Y., 1044
Uemura S., 3910
Ueno M., 3446, 5551
Ueno S., 4688
Ueno Y., 4483
Ueyama T., 5658
Uflyand N. Yu., 5980
Ugai Ya. A., 5604
Uher M., 3086
Uhlig E., 2109
Uhlig G. F., 3943
Ui N., 2541, 3581
Ujec E., 1291, 5921
Ukshe E. A., 1935, 2740
Ulakhovich N. A., 5082, 5093, 5138
Ulashchik V. S., 5711
Ulery H. E., 2461

Ul'kina Zh. I., 5206
Ulmgren P., 458, 459, 460, 1324
Ulrich V., 5389
Ulstrup J., 11, 19
Umeki T., 1897
Umemoto K., 2172
Umezawa T., 3745
Uminskii M. V., 5521
Underhill A. E., 1540
Uneyama K., 2480
Unger M., 5792
Untereker D. F., 2823, 5981
Unzeta M., 4644
Urabe N., 4092
Urbanyi T., 4345
Urisbaev T., 5442
Urosov Yu. I., 4264
Urrison N. A., 818, 1022
Urushizaki I., 4658
Uruska I., 619
Usategui Gomez M., 4691
Usatenko Yu. I., 384, 1248, 1256, 2208, 2210, 2213, 5190
Ushakova Z. N., 819, 3742
Ushev N. I., 3905
Usovich A. T., 5089
Usvyatsov A. A., 1260, 2206
Uthardt D., 2647
Utley J. H. P., 2490, 3526
Utsunomiya T., 5230
Utter F. M., 4699
Uvarov V. B., 4560
Uzbekov A. A., 225
Uziel Z., 2885

Vaarmann A., 3160
Vacca A., 3836
Vadaszy R., 3107
Vaerman J. P., 2619
Vafina A. A., 3508
Vagramyan A. T., 2337, 2753
Vahdat N., 3799
Vaidya R. S., 4983
Vaidyanathan H., 887, 4774
Vaidyanathan S., 2346
Vaillant A., 4138
Vainshtein M. N., 627, 5514
Vainshtein Yu. I., 365
Vaintraub I. A., 1637
Vajda F., 2124
Vajgand V. J., 4570
Vajtner Z., 366, 1218
Vakhidov R. S., 4509, 4510
Vakhobova R. U., 1088
Val'chak K. V., 4928
Valcher S., 1112, 3089, 3969, 3976
Valdebouze P., 3575
Valensi G., 1264
Valenta P., 2091, 2092
Valentine R. S., 5918
Valerga A. J., 1360
Valette G., 1771, 3739
Vallat A., 1107
Vallat M. F., 390
Vallet C., 1803
Vallo F., 4929
Valter V., 4390, 5566
Van Acker P., 1240
Vanaja T. S., 2468
Van Dalen E., 1010
Van Dam H. C., 3882
Van Dam K., 5459
Van den Berghe R. A. L., 5929
Van den Born H. W., 246, 5050
Vandenborre H., 4824
Van den Winkel P., 427
Vanderbalck J. L., 4573
Van der Borght O., 3567
Van der Hoeven T. A., 3599
Vanderhoff J. W., 3571
Van der Linden W. E., 2209, 3247
Van der Loo W., 3641
Van der Meer D., 3117, 3155
Van der Meer J. M., 4061
Van der Ouderaa F., 1675
Van der Ouderaa F. J. G., 2587
Van der Ploeg P. H. W., 2538
Van der Pol F., 1174
Van der Poorten H., 2242, 4882
Van der Veen N. G., 1266
Vandevenne L., 3190
Van de Woude G. F., 5714
Van Drunen J. A. A., 3529
Van Dyck G., 177
Van Gils W. F., 2602
Van Gool W., 45
Van Hecke M. C., 1915
Van Kampen E. J., 2538
Van Kerchove C., 4106
Van Lis J. M. J., 3570
Van Loon J. C., 849, 4202
Vanngard T., 3363
Van Ooij W. J., 2907
Van Poucke L. C., 5415
Van Puymbroeck S., 3567
Van Reenen T. J., 2293
Van Reet R. E., 2463
Van Regenmortel M. H. V., 5681
Vansant E. F., 2409
Vanseveren J. M., 5882
Van Vlasselaer S., 3553, 5433
Van Vuuren C. P. J., 4436
Van Wyk G. N., 1587, 5631
Vardanyan V. R., 106, 1014
Varenko E. S., 847, 1817, 3484, 4751
Varenzov V. K., 3845, 4877
Vargaftik M. N., 5416
Vargha K., 3315
Varhelyi Cs., 3092
Varicchio F., 2674
Varjian R., 4846
Varoqui R., 1871
Varsányi M., 168, 2013, 2925, 5590
Varshneya A. K., 4371
Vartanyan S. V., 5202
Vasadze G. Sh., 2231
Vasák M., 103, 4157
Vaselago L. I., 5097
Vashchenko V. V., 2026
Vashchinskaya V. V., 658
Vashistha S., 443, 5284
Vasilescu D., 4875
Vasilev A., 2895, 4447
Vasil'ev A. A., 2981
Vasil'ev V. I., 1260, 1459
Vasil'ev V. P., 1374, 5317
Vasil'ev V. V., 5584
Vasil'ev Yu. B., 802, 809, 1118, 1750, 2705, 2986, 5057, 5823, 5913
Vasil'eva I. A., 1354, 1376, 4255
Vasil'eva L. N., 303, 1037, 1132, 1888
Vasil'eva V. Yu., 4659
Vasilevskaya N. A., 5206
Vasil'kevich N. G., 2203, 3144, 5176
Vasil'kevich S. I., 4355
Vasin B. D., 491
Vasina S. M., 2504
Vasina S. Ya., 5819
Vaskelis A., 1135, 2965
Vas'ko A. T., 691, 1076, 2801, 3499
Vass C., 3478, 3762
Vass V., 2077
Vass–Balthazar K., 596
Vassos B. H., 97
Vatland A., 5899
Vatolin N. A., 4407
Vaugh A. B., 2878
Vaughan D. H., 5143
Vaupel P., 2310
Vauzelle D., 2042
Vavrička S., 39, 1894
Vaz C. E. S., 2942
Vdovina V. M., 4074, 4892
Vecchi E., 1052
Večera M., 2368
Vecerek B., 2899, 4934
Vecher A. S., 4355
Vechera L. V., 4822
Vedel J., 3188
Veening H., 3552
Vegnere V., 4738, 5840
Veiga A. S., 5125
Veis A. R., 3021, 5205

Veits N. A., 2033
Vekshtein M. Sh., 2168
Velasevic K., 395
Velazquez A., 3470
Velghe N., 2220
Velichko V. N., 5029
Velichko V. V., 5190
Velinov G., 4135
Velisek J., 2164, 5183
Vella G. J., 3404
Vel'tishchev Yu. E., 3576
Venard R., 1699
Venkatachalam K. A., 4169
Venkatadri A. S., 4526
Venkov Kh., 5742
Vennereau P., 962, 1363, 2022
Vennesland O., 164
Ventov N. G., 5479
Vera J., 2195
Verastegui J., 2012
Verbeek F., 177, 1124, 2167, 5119
Verblovskii G. S., 95
Verboom G., 310
Vercellotti J. R., 1102, 1103
Vereecken J., 5882
Veremii V. N., 3248
Veretina G. N., 4964
Verezhnikov V. N., 5685
Verheggen T. P. E. M., 4576, 4580
Verkroost A. W. M., 278, 279
Verma B. C., 2362
Verma K. K., 5429
Verma V. P., 5541
Vermeer P., 2315
Vermeulen T., 2908
Vernières J., 962
Vértes G., 811, 1752, 1766, 2709, 2714, 3512, 4721, 5044
Vertyulina L. N., 1237, 5154
Veselov V. Ya., 3334
Veselovskaya I. E., 3959, 5000, 5915
Veselovskii V. I., 191, 707, 799, 800, 801, 834, 2699, 2700, 3493, 3495, 5023, 5616, 5618
Vesely J., 1973, 4302
Vesely V., 1371
Vesheva L. A., 354
Vesheva L. V., 1187
Vesnin Yu. K., 659
Vesterberg O., 4671
Vetter K. J., 1813, 1857
Vetto R. M., 3033
Vetyukov M. M., 1573
Vianello E., 3018
Vicedomini M., 3271, 5406
Vicente V. A., 1059, 3945
Vicente Perez S., 3323
Vicentini G., 4425, 5524
Vidulich G. A., 1509, 4375
Vieles P., 3344
Vielstich W., 28, 239, 240, 1870, 2686
Viertler H., 5651
Viet L., 1989
Vigdorovich V. I., 1020, 3244, 4954, 5946
Vigutov M. K., 3540
Vijayaraghavan N. V., 4454
Vijh A. K., 872, 3494
Vikharev B. G., 728, 1612, 2505
Viktorovskii I. V., 5496
Vilidnitskaya Ya. B., 4538, 4539
Vilinskaya V. S., 199, 1025, 5820
Villanueva E., 1681
Villaverde J. P., 3188
Vil'shanskii V. A., 4099
Vil'yams M. V., 3886
Vimikov Yu. Ya., 2700
Vinitskii A. G., 1586
Vink H., 12
Vinnik M. I., 593, 1537
Vinnikov Yu. Ya., 834
Vinnitskaya R. L., 335, 1209
Vinogradova E. N., 182, 331, 1993
Vinogradova V. G., 3929, 4031
Vinokurova G. A., 5314
Virella G., 3584
Visan T., 3750
Vishnyakova A. A., 436
Vishnyakova G. V., 3869
Visomirskis R., 21, 150, 4995
Visscher W., 804, 5869
Vit Z., 5921
Vitagliano V., 606
Vitanov T., 4486, 5846
Vitenberg I. G., 2522
Viter I. P., 5082, 5093
Vitkova S., 5628
Vittori O., 3101
Vitviskaya G. V., 3918, 5001, 5820
Vityaeva S. I., 3109
Vives Corrons J. L., 3674
Vizgert R. V., 1206
Vláčil F., 2339
Vladimirov L. P., 3289, 5339
Vladimirov Yu. A., 4362
Vladimirova N. A., 2344
Vladimirova V. F., 3053
Vladislaw B., 5651
Vlasenko I. G., 992
Vlasov V. I., 888
Vlcek A., 1820, 5139
Vlček A. A., Jr., 5139
Vnuchkina L. V., 2785
Vodzinskii Yu. V., 256
Voevodskii A. S., 1051, 4989
Vogel U., 3782
Vogt P. K., 2679, 3697
Vogt V. M., 3579
Voice P. J., 4155, 5227
Voicu A., 2511, 5708
Voicu V., 270, 1183
Voigt A. F., 435, 5231
Voinov M., 3015
Voishchev V. S., 3463
Voitovich Ya. N., 5306
Voitsekhovskaya R. N., 319
Vojnovič M. V., 4769
Volberg N. Sh., 4933
Volchenkova Z. S., 2284, 4424
Vol'fkovic Yu. M., 1943, 2774, 5933
Volgin M. A., 4485
Volgina M. A., 4505
Volke J., 854, 2176, 3141
Volkov A. F., 1538
Volkov A. M., 3295
Volkov G. A., 2381
Volkov G. I., 2447
Volkov S. V., 206
Volkov V. A., 4530
Volkova A. I., 2773
Volkova N. D., 1494, 1495, 1496
Vollhardt D., 1125
Vollmer B., 1042
Volobueva I. V., 3757
Voloder K., 3958
Volodin A. A., 2375
Voloshanenko G. P., 4761
Voloshin A. G., 4908
Voloshin V. F., 1764, 2729, 3732
Volosyuk Yu. M., 3849
Volter D., 3937
Volter F., 2042
Volz H., 1618
Von Baehr H., 1679
Von Baehr R., 1679
Von Barner J. H., 5241
Von Behret H., 2791
Von Deimling O., 2650
Vondrak J., 1986
Von Fraunhofer J. A., 4808
Von Schoultz B., 2569
Von Stackleberg M., 4043
Von Sturm F., 1835, 1836, 1856, 2775
Vora J. C., 4810, 4811, 4812
Vorkapić L., 5939
Vorob'ev I. M., 4119
Vorob'eva A. S., 2469
Vorob'eva L. A., 1444
Voronin A. A., 976
Voronin V. A., 1960

Voronina L. A., 2233
Voronkov G. A., 5870
Voronkov G. Ya., 2789, 4827
Voronkov M. G., 5444
Voropinov V. I., 1144, 1760
Vorotnikov M. V., 4478
Vos H., 4848
Vos J., 3567
Vostokov V. M., 657
Votava I., 3391
Vouturier Y., 2110
Vovchenko G. D., 231, 709, 1590, 1597, 1734, 1735, 1737, 1740, 4715, 4756, 5818, 5834
Voynick I. M., 5764
Vozvizhensky G. S., 141
Vrachnou-Astra E., 1396
Vredenberg W. J., 3371
Vrevskii B. M., 421, 5212
Vshivtsev B. I., 5420
Vtulkin A. V., 1369
Vucurovic B. D., 2508
Vukićević M., 717
Vukovic M., 3755
Vuletic N., 5537
Vulterin J., 4337
Vyacheslavov P. M., 159
Vydra F., 145, 385, 2932, 4973
Vykhrest N. Yu., 4433
Vyselkov A. A., 1071, 4958
Vyskocil F., 1291, 5921

Wabner D. W., 68, 77
Wachowiak A., 4060
Wacker A., 1684
Wada M., 4627, 4637
Wader H., 3176
Wadstrom T., 2544
Wagenknecht J. H., 5642
Wagner C., 2833
Wagner J. B., Jr., 2432
Wagner W. F., 4526
Wahdat F., 4979
Wahlberg O., 458, 459, 460, 1324
Wahlstrom B. A., 5458
Wahren H., 2649
Wakakuwa M., 1502
Wakid N. B., 3693
Walczak E., 3128
Waldmeier K., 1904
Walec T., 2431
Wales C. P., 4804
Walker J. E., 2632
Walker J. L., 2244
Walker M., 5453
Walker R., 4809
Walker T., 2857
Walkowiak Z., 3346
Wallaart R. A. M., 4831
Wallace E. F., 4682
Wallace R. A., 3421, 4454, 5573
Wallace W., 4920
Wallach D. F. H., 4884
Wallevik K., 2593, 5758
Walten H. F., 4912
Wamser N., 2482
Wang J. F., 2841
Wang J. H., 1721, 5795
Wang J. T., 2116
Wang L. C., 757
Wänninen E., 2843
Warchol J. B., 1158, 2130
Ward P. E., 1700
Wargon J. A., 188, 1804
Warner A. E., 4368
Warnke Z., 5272
Warnqvist B., 2338
Warren C. B., 3519
Wasiak A. M., 1312, 2352
Wasserman T., 1321
Watanabe A., 1698, 2733
Watanabe N., 1912
Watanabe S., 1685, 1705, 3652
Watanabe T., 3455, 4792
Watanabe Y., 2499
Watanuri T., 5225
Waterburg G. R., 738
Waters D. J., 5755
Waters P. F., 4764
Waterson R. M., 5798
Watkins D. M., 1540
Watkins N., 3166
Watson J. G., 3659
Watt W. B., 1673
Watton E. C., 2984
Watts J. O., 3057
Wawzonek S., 2069, 5053, 5086
Weathers L. G., 3698
Weaver C. S., 1335
Weaver M. J., 4757, 4785
Webb J. W., 3736, 4739
Webber T. J., 926, 927, 928
Weber D. J., 3681
Weber J., 3596
Weber K., 1634
Weber Schäfer M., 5660, 5908
Webzel A. W., 739
Wechter M. A., 435, 5231
Weedon B. C. L., 2490
Wei L. Y., 3468
Weidekamm E., 4884
Weidlich E., 1835, 1836, 2775
Weil P. A., 2673
Weil R., 2472
Weill M. E., 3171
Weinberg N. L., 1108
Weininger J. L., 5935
Weiss A., 5832
Weiss D., 4298
Weiss J. B., 5713
Weiss J. R., 391, 739
Weisz H., 4402, 5191
Wei-Youh Kun, 5133
Welch B. J., 3490
Welch S. G., 1693
Weller D. L., 5727
Wellington S. L., 1503, 3402
Wellin Nilsson M., 3682
Wellner D., 4614
Wells E. E., Jr., 1016
Wenberg G. M., 2615
Wendlandt W. W., 4925
Wendt H., 1109, 5644, 5645
Wenzel A. W., 391
Wenzel M., 1835, 2775
West R. A., 5480
Westerboer U., 891
Westfall C. L., 2576
Westmoreland T. D., Jr., 4384
Westphal U., 3625
Westphalen J., 1996
Wettstaedt H. R., 1605
Wetzel R., 2747
Wexel D. R., 3041
Wharton D. C., 2682, 5810
Whelan W. J., 2670
White D. A., 3518
White H. L., 4700
White J. S., 1731, 3694
White K., 2761
White S. H., 825
Whitehouse D. R., 1917
Whitekettle W. K., 5801
Whitelatch R. C., 1335
Whiting B., 2947
Whitmore D. H., 4394
Whitson P. E., 246
Whitt G. S., 2645, 2646
Whittell N. M., 2656
Whittingham M. S., 4414
Wiart R., 2454, 5589, 5872
Wieckowski A., 3728
Wieckowski J., 3368
Wiedner G., 669
Wienker Th., 2650
Wiersema R. J., 5605
Wiersma J., 4848
Wiese C. R., 4146
Wiet J. O., 5576
Wigle D. T., 3699, 3711
Wikby A., 399, 4839, 4867
Wikinski R., 5734
Wikstrom M. F. K., 1484
Wilde H. E., 469
Wilkening S., 4500
Wilkens L. A., 3471
Will H., 5186
Willems G. G., 3876, 4047
Willetts H. J., 2592, 5751
Willey A. R., 2781
Williams D. R., 3194, 5264
Williams H. R., 4159

Williams J., 2062
Williams J. A., 1007
Williams J. O., 5499
Williams S., 3634
Williard R. F., 3637
Williford J. D., 2463
Willing F., 899
Willis P. M., 1796
Willis R. C., 116
Wilson D. F., 5454
Wilson F. R., 2645
Wilson G. S., 961, 1928, 3365
Wilson J. N., 3307
Wilson R., 3531
Wilson T. H., 5470
Wiltshire B. G., 770
Winand R., 5882
Winchurch R., 4345
Windels G., 2888
Windemann H., 5730
Windle D. A., 985
Winecoff W. F., 2993
Winkler L., 2537
Winkler W., 3281
Winocour E., 5756
Winograd N., 1
Winship D. H., 1485
Wintenberger M., 3442
Winter Fr., 3418
Winters L. J., 2419
Winters W., 526, 3293
Winzler R. J., 762
Wiseall B., 4240
Wisser K., 1115
Witiak D. T., 4015
Witikainen U., 2367
Witt H. T., 5460, 5924, 5925
Wittmann H. G., 3596
Wittwer C., 3927
Wivel N. A., 2591
Wodick R., 2043
Woggon H., 4998
Wohrman H., 4517
Wojciechowicz M., 5746
Wojciechowski M., 3039
Wojcik Z., 3035
Wojcikiewicz T., 2431
Wojtas R., 3265
Wojtczak Z., 1461
Wolf F., 282
Wolf H., 2441
Wolfe J. F., 4550
Wolff III, J. S., 788
Wolff M. A., 2893
Wong A. L., 5751
Wong A. W., 3607
Wong K., 2924
Wong M., 3679
Won Lae Lee, 5374
Woo B. Y., 3468
Woo J. W., 4764
Wood D. A., 1641
Wood E. J., 1727
Wood G. C., 3767
Wood J. L., 1360
Woodbury J. W., 4465
Woods M. L., 5883
Woods R., 803, 892, 1974, 2842
Woodson A. L., 3957
Woodward D. O., 3654
Woodward G. P., Jr., 1046
Wooley E. M., 1263
Wooley P. R., 1522
Wooten M. J., 5475
Worr L., 1378
Worrell W. L., 5358
Wozniak M., 4868
Wright A. R., 180
Wright B. W., 4260
Wright E. H. M., 5349
Wright G. A., 3987
Wright G. L., 764
Wright H. J. L., 1922, 1923, 4889
Wright P., 5689
Wright R. P., 4649
Wroblowa H. S., 22, 213, 2803
Wrona M., 4009
Wrona P. K., 3077, 5868
Wrónski M., 2520
Wu C. K., 2996
Wu F. G., 2570
Wu J. C., 4700
Wu J. Y., 3662
Wu W., H. 5781
Wulf E., 5733
Wurzburger S., 606

Yablokova I. E., 4970
Yabukov G. Z., 4635
Yadley R. A., 4595, 4596, 4597
Yager B. J., 594
Yaginuma S., 3672
Yagodovskii V. D., 2698
Yagupol'skaya L. N., 2920, 5209
Yakhontov L. N., 365
Yakhontova L. F., 4359
Yakhvarov G. I., 2025, 2736
Yakimenko L. M., 3959, 5000, 5915
Yakovenko V. P., 5041
Yakovlev P. P., 722
Yakovlev P. Ya., 1399, 2214, 3540, 4117
Yakovleva A. A., 191, 707, 3493
Yakovleva E. G., 3273
Yakubov G. Z., 4624
Yakubov Kh. M., 1453, 3835
Yakushin V. K., 1162
Yalow R. S., 3642
Yalter Yu. A., 326
Yalyushev N. I., 3849
Yam L. T., 1706, 3685
Yamada A., 1814, 1937, 4755, 4781
Yamada K., 5759
Yamada S., 2499
Yamagishi S., 3672
Yamagishi T., 2150
Yamaguchi M., 2630
Yamakawa Y., 5777
Yamamoto H., 1236, 4527, 5663
Yamamoto O., 108, 3416
Yamamoto T., 5580
Yamamoto Y., 328, 5938
Yamashita D., 5938
Yamashita K., 3096, 3523
Yamashita M., 5329
Yamashita T., 1568
Yamatova R. G., 1211
Yamauchi A., 4360
Yamauchi C., 4273
Yamauchi K., 2599
Yamauchi O., 3197, 3212
Yamazato M., 2271
Yamnova T. P., 1256
Yamshichov L. F., 1351
Yamzina T. A., 5115
Yanagida H., 3420
Yanagida S., 3142
Yanakiev M., 993
Yanchuk N. I., 1441
Yanduganova N. P., 4332, 5440
Yankauskas Yu. Yu., 2304, 2333, 2343
Yankovskii A. A., 1942
Yankovskii Kh. I., 1737
Yanovskaya L. A., 3110
Yantsky I. V., 5612, 5619
Yap K. S., 4543
Yapa P. A. J., 3585
Yaraliev Ya. A., 3501, 5026
Yarembasch E. I., 5527
Yarinovskii V. D., 2789
Yarita A., 4290
Yarlykov M. M., 5588
Yarmakovskaya L. G., 3339, 4316
Yarmolovich A. K., 1402
Yarnitzky Ch., 3879
Yarovenko A. N., 635
Yarovoi A. F., 1394
Yarshinsky A. I., 3161
Yarunina G. V., 4892
Yashunskii V. G., 4103
Yasman Ya. B., 3452
Yasunaka H., 448
Yates C. A., 3915
Yates G. B., 3526
Yatsenko O. B., 5604
Yatsenko S. P., 1269
Yavich A. A., 2337, 2753

Yavoiskii V. I., 482
Yazlovetskii I. G., 2524
Yeager E., 1077, 3746, 4972, 5018
Yeager F. M., 4691
Yeager H. L., 4374
Yeargan J. R., 3434
Yee J., 1319
Yeh H. S. J., 1694
Yeh–Ku C., 3638
Yeoman L. C., 1653, 2605
Yermolenko V. I., 604
Yguerabide J., 2440
Yie Wen Chien, 4015
Ying–Hua Lee, 2371
Yokose S., 644
Yonekura H., 4092
Yonemitsu M., 3340, 4338
Yoneyama H., 208, 259, 5670, 5955
Yonezawa D., 1676, 4613
Yong Kim J., 2349
Yorgovic Kremzer J., 5117
Yoshida H., 4688
Yoshida K., 473, 3451
Yoshida M., 3377, 4149
Yoshida S., 611
Yoshida T., 129, 137, 221, 261, 1184, 1224, 1236, 4713, 5565, 5578
Yoshida Z., 5675
Yoshigawara H., 712
Yoshihara K., 5375
Yoshimori T., 732, 2271, 2499, 3542
Yoshimura W., 2129
Yoshino T., 4182, 4183
Yoshio M., 2459
Yoshioka K., 1482
Yoshioka O., 137
Yoshioka T., 3377
Yoshizawa S., 203, 3481, 3752, 4798, 4800
Young H. Y., 5569
Young I. G., 4863
Young M., 2316
Young R. J., 5801
Yucupov R. A., 5114
Yudina T. F., 3926
Yudovich E. E., 2365
Yui N., 564, 601, 654, 1501, 1502, 3459, 5648
Yunis A. A., 3688
Yunusov R. V., 5809
Yurchenko L. A., 4355
Yurev B. P., 4516, 4524, 4533
Yur'ev E. A., 3576
Yur'ev S. P., 694
Yur'ev V. P., 357
Yur'eva L. V., 1809
Yurin V. M., 5078
Yurina R. D., 1088
Yurinskaya V. E., 3183
Yurzhenko T. I., 4082
Yushchenko G. S., 4025, 4026
Yusova Yu. I., 1391
Yustus Z. L., 303, 1132
Yusupova F. Ya., 2025
Yusupova N. K., 1211
Yuvonina L. M., 2516
Yuzbekov Yu. A., 2724
Yuzhanina A. V., 198, 5826
Yvernault T., 2054

Zabolotskii V. I., 416, 1891, 3937
Zabotin P. I., 2966
Zacharova Kalavskà D., 1216, 3137
Zachau H. G., 1716
Zador I., 5075
Zafer Ali S., 5636
Zagainova L. S., 4027, 4476
Zagorski Z. P., 1126
Zahradniček M., 663
Zahradnik R. T., 7
Zaichko L. F., 1032
Zaidi S. A. A., 1514
Zainutdinov F. M., 1562
Zaitsev P. M., 1148, 2128
Zaitsev V. V., 4636, 4643
Zaitseva V. P., 4589
Zaitseva Z. V., 1148
Zak A. I., 1071
Zak J., 980, 2885
Zak N. S., 1134
Zakarina N. A., 3513, 4538, 4539
Zakharkin L. I., 579, 3381
Zakharov M. S., 178, 826, 2009, 2017, 2211, 3823, 5497
Zakharov V. A., 1255
Zakharov V. P., 633
Zakharova E. P., 507, 1346
Zakis G., 5561
Zakórski Z. P., 1161
Zakumbaeva G. D., 3513, 4538, 4539, 4730
Zakumbaeva G. G., 4709
Zakyan S. M., 5767
Zaleska E., 3269
Zaliva V. I., 633
Zalkind Ts. I., 799, 2699
Zambonin P. G., 1070
Zamin M., 3800
Zanello P., 148, 5020
Zanotti L., 1057, 4978
Zaporozhets E. V., 719, 1195, 2165, 4551
Zápotocky A., 5696
Zarapkar L. R., 2945
Zarebski J., 312
Zaretskii L. Z., 90
Zarinskii V. A., 999, 2735, 3757
Zarubitskii O. G., 4469, 4504
Zaruma D. F., 5445
Zaslavskaya G. S., 4342
Zatko D. A., 3080
Zaul L. Ya., 5205
Zavalova O. V., 1274
Zav'yalov V. P., 2613
Zawadowska J., 4984
Zayats A. I., 3992
Zayats M. N., 1403, 4145
Zayed M. H., 2274, 2302
Zdanovich I. D., 2121
Zdukos A. T., 436
Zebreva A. I., 2102
Zecchin S., 2087, 3997, 4749, 5047
Zech R., 4689
Zegzhda G. D., 2010
Zegzhda T. V., 5398
Zeineh R. A., 1639, 2596
Zelenka S., 3613
Zelenski V. V., 90
Zelinka J., 1168, 2135
Zelinskii A. G., 2721
Zeller H. R., 4392
Zelvin B. M., 2573
Zelwer A., 5949
Zembala M., 4733
Zembura Z., 1030
Zemskaya O. A., 2361
Zemskii B. P., 652
Zenin G. S., 1091, 1092
Zenkin A. A., 4080
Zerner B., 2642
Zettervall O., 2579
Zezin A. B., 1280
Zezula I., 4058
Zgadzai E. A., 5556
Zhamagortsyants M. A., 2337, 2753
Zhan R. K., 2648
Zhantalai B. P., 5156
Zharkova L. A., 4214, 5256
Zhdanov A. K., 388, 1247, 3153, 4118, 5196
Zhdanov B. V., 4323
Zhdanov S. I., 174, 289, 1177, 1178, 2152, 2153, 4046, 5144
Zheleztsov A. V., 909, 3032
Zhelibo E. P., 1584
Zheligovskaya N. N., 5421
Zheltvai I. I., 1348
Zhidovinova S. V., 4421
Zhikharev V. S., 652
Zhilenkov I. V., 1487
Zhinkin L. Ya., 4315
Zhizhilashvili E. G., 2384
Zhubasov V. L., 4472
Zhukov A. F., 4264
Zhukov A. N., 3376
Zhukov B. D., 5252, 5254
Zhukov M. A., 4760

Zhumashev Zh., 5750
Zhuravlev V. V., 3890
Zhuravleva A. B., 2056
Zhurin A. I., 802
Zhurinov M. Zh., 701
Zhutaeva G. V., 1023, 4951
Zickler A., 5924, 5925
Ziegler G. B., 5718
Zieglgaensberger W., 3713
Zielinska Ignaciuk M., 3297
Zielinski K., 456
Zikan J., 1683
Zikolov P., 4135
Zil J. S. V., 5449
Zimakov I. E., 3534
Zimina I. D., 5970
Zimina T. I., 3921
Zimmer L. B., 5524
Zimmerhackl E., 1837
Zimmerman A. H., 3172
Zimmermann H., 232
Zimmermann K., 5721
Zimtseva G. P., 5421
Zin N. K., 341
Zinchenko V. I., 2524
Zinkova E. V., 1214
Ziolecki A., 5746
Zirino A., 3939
Zlateva D. S., 1992
Zlatopol'skaya E. M., 1822
Zoellner E. J., 2648
Zolotareva N. N., 1452
Zolotareva R. I., 4759
Zolotova T. K., 1118
Zolotukhin V. K., 3044, 5880
Zoltowski P., 5939
Zonneveld S. Q. J., 3155
Zorina E. F., 1462
Zorina N. G., 4829
Zorn B., 2059
Zotti G., 3985
Zozanyan S. I., 1014
Zozulya A. P., 722
Zsakó J., 923
Zubairov D. M., 5809
Zubarev Yu. A., 2698
Zubay G., 3702
Zubenko I. F., 592
Zuberbühler A. D., 4185
Zubieta J., 5175
Zubkova Yu. N., 1621
Zublus O. P., 4942
Zubusova S. ., 2991
Zuca S., 602
Zucchi F., 5947
Züchner H., 891
Zuckerman A. J., 4702
Zuercher K., 4689
Zuev K. P., 618
Zueva M. A., 5951
Zuikova V. S., 5007
Zuman P., 1190, 1191
Zutić V., 318, 5022
Zvagol'skaya E. V., 3407
Zverev A. N., 3929, 4031
Zverina V., 4123
Zvyagin V. M., 1012
Zvyagina E. V., 603
Zwerschke K. D., 2059
Zwierzchowska Z., 1754
Zwikker J. W., 3410
Zyka J., 211, 1405, 3047
Zylber N., 2632
Zytner Ya. D., 2802, 4837

Subject Index

AB–17 membrane anion exchange, diffusion (through), 3807
Abietic acid, adsorption (on) graphite, potentiodynamic, voltammetric, 256
Acenaphthenonaldehyde, voltammetric, 1112
Acenaphthylene, polarographic, polymerization, 5155
– voltammetric, 1112
Acenquinones derivatives, cathodic behavior, polarographic, 351
– heteroderivatives, cathodic behavior, polarographic, 351
Acetaldehyde, adsorption (on) platinum, theory, 2858
– amperometric, 5203
– cathodic behavior, 1190
– chloride (in), 5390
– electrolytic, 5507
– hydration, polarographic, 1190
– synthesis, 1445
– diphenyl–, cathodic behavior, enolization, hydration, polarographic, 1191
– hydrazone, formation, polarographic, 1193
– phenyl–, *see* Tolualdehyde
Acetals, electrolytic, 5654
Acetamide, conductometric, 647, 5540
– solvation, 5540
– dimethyl–, acidity (in), 2350
– – conductometric, 647, 3411, 5540
– – radicals, polarographic, 5147
– – solvation, 5540
– – solvent (for) chronopotentiometry, 131
– – – – conductometry, 619, 2395
– – – – polarography, 272
– – – – potentiometry, 416, 2282, 2350
– – – – voltammetry, 131, 1891, 3937
– – complexes, conductometric, 619
– – dioctyl–, complexes, conductometric, disproportionation, 2427
– methyl–, conductometric, 647, 3411, 5540
– – radicals, polarographic, 5147
– – solvation, 5540
– – solvent (for) conductometry, 597, 4388, 5550
– thio–, potentiometric, 5434
– – reaction (with) silver (I), polarographic, 3052
Acetate, adsorption (on) platinum, 158, 707
– anodic behavior, 230
– cathodic behavior, 1196
– electrolytic, 707
– electrophoretic, 2906
Acetate, polarographic, 1196
– potentiometric, 4318, 4319
– solvent (for) chronocoulometry, chronopotentiometry, 4755
– – – electrolysis, 4545
– – – polarography, 298, 378, 1168
– trace analysis, 4318
– voltammetric, 230, 707
– chloro–, solvent (for) polarography, 1168
– – complexes, polarographic, 4983
– – – potentiometric, 4289, 4983
– – – stability, thermodynamics, 4289
– complexes, amperometric, 2210
– – conductometric, 5511
– – electrophoretic, 3558
– – potentiometric, 461, 3225, 3238, 3260, 4289
– – stability, 461, 3225, 3238, 3260, 3558, 4289
– – thermodynamics, 4289
– dichloro–, salts, ionization, potentiometric, 4312
– ethoxy–, complexes, potentiometric, stability, 4176, 4209
– methoxy–, complexes, potentiometric, stability, 4176
– trifluoro– electrode, selective, 1455
Acetazolamine, potentiometric, 3337
Acetic acid, acidity (in), 2356
– – adsorption (on) bismuth (*l*), 4732
– – – – palladium, 5828
– – – – platinum, 810
– – – – – platinized, 4721
– – conductometric, 657, 932, 2401, 3455, 4427, 5562
– – dimerization, 3455
– – electrode, selective, 2291
– – ionization, 240, 866, 932, 1453, 1454, 4218, 4256, 5562
– – potentiometric, 2356, 4218, 4256, 5394
– – potentiostatic, 866
– – reaction (with) picoline, pyridine, conductometric, 3456
– – solvation, 5562
– – solvent (for) amperometry, 1244, 2219, 4121
– – – – conductometry, 1430, 1542, 5544
– – – – coulometry, 3533
– – – – electrolysis, 366, 714, 1218, 3497, 3498, 4519, 4522, 4545, 5048, 5590
– – – – electrophoresis, 4594
– – – – photoelectrochemistry, 862

Acetic acid, solvent (for) polarography, 298, 366, 1218, 4063, 4082, 4100
– – – – potentiometry, 504, 572, 1347, 1399, 1415, 1430, 1452, 1453, 1454, 2371, 3351, 4350, 5429, 5441
– – – – voltammetry, 168, 1110, 2013, 2075, 2925, 3021, 4519, 5048
– – voltammetric, 240
– – thermodynamics, 1453, 1454
– – aceto–, *see* Butanoic acid oxo–
– – amino–, *see* Glycine
– – chloro–, association, 556
– – – conductometric, 4427
– – – electrons scavenging, glow discharge electrolysis, 1553
– – – potentiometric, 556, 5384
– – – complexes, potentiometric, 1298, 3265
– – – – stability, 3265
– – – derivatives, conductometric, ionization, solvation, 5562
– – complexes, cathodic behavior, 4075
– – – conductometric, 658
– – – polarographic, 4075
– – – potentiometric, 3248, 4218, 4256
– – – stability, 4218, 4256
– – dichloro–, conductometric, 2434, 4427
– – – ionization, 2434
– – – potentiometric, 5384
– – – complexes, conductometric, 2434
– – dichlorophenoxy–, potentiometric, 5430
– – difluoro–, cathodic behavior, polarographic, 2161
– – diphenyl–, adsorption (on) platinum platinized, 4735
– – fluoro–, cathodic behavior, polarographic, 2161
– – hydroxy–, *see* Glycolic acid
– – iodo–, complexes, potentiometric, stability, 3265
– – lithium acetate, buffer, 4137, 5229
– – mercapto–, *see* Glycolic acid thio–
– – nitrilo–, complexes, potentiometric, 2286
– – oxo–, *see* Glyoxylic acid
– – phenyl–, adsorption (on) platinum platinized, 4735
– – – potentiometric, 578
– – thio–, *see* Acetic acid thiolo–
– – thiolo–, adsorption (on) copper, 3479
– – – substituted, complexes, potentiometric, 1421
– – trichloro–, conductometric, 4427
– – – complexes, electrophoretic, 2512
– – trichlorophenoxy–, potentiometric, 5430
– – trifluoro–, cathodic behavior, polarographic, 2161
– – – solvent (for) conductometry, 1497
– – – – – coulometry, 245
– – – – – electrolysis, 2068, 3526, 4547, 5048, 5643
– – – – – polarography, 3126
– – – – – voltammetry, 245, 2068, 5048, 5060
– – triphenyl–, adsorption (on) platinum platinized, 4735
Acetic acid, triphenyl–, anodic behavior' radicalization, voltammetric, 3000
– – vinyl–, *see also* Butenoic acid
– anhydride, solvent (for) amperometry, 381, 393
– – – – conductometry, 1514
– – – – coulometry, 381, 3533
– – – – electrolysis, 4545, 5658
– – – – potentiometry, 3351, 3450
– – chloro–, potentiometric, 514
– – trifluoro–, solvent (for) coulometry, 245
– – – – – voltammetry, 245, 3010
Acetohydroxyacid isomeroreductase, *Salmonella typhimurium*, electrophoretic, 4694
Acetone, adsorption (on) ammonium tetramethyl– amalgam, 1762
– – – iridium platinum, 5834
– – – lithium amalgam, 1762
– – – platinum, theory, 2858
– – – platinum iridium, 5834
– – – sodium amalgam, 1762
– anodic behavior, 3108
– cathodic behavior, 5507, 5834
– conductometric, 107, 2433, 3411, 5561
– coupling (with) urea cyano–, electrolytic, 5648
– electrolytic, 3108, 5507
– enolization, 5561
– fluorosulfonation, 3999
– ionic mobility (in), 744
– polarographic, 3108
– potentiometric, 1451
– protonation, 2433
– reaction (with) ethylene chlorotrifluoro–, electrolytic, 3511
– – – hexacyanoferrate (III), amperometric, 3884
– solvent (for) capacitance measurements, 5833
– – – conductometry, 635, 651, 1488, 1504, 1522, 1528, 1530, 2308, 3349, 3431, 4376, 4403, 4442, 5503, 5555, 5561
– – – electrolysis, 3528
– – – oscillometry, 1545
– – – polarography, 98, 228, 352, 1147, 1208, 2118, 2165, 2178, 2201, 3116, 3944, 3965, 3973, 4017, 4095, 4100, 5107, 5120
– – – potentiometry, 446, 504, 514, 555, 577, 583, 1315, 1329, 1439, 1444, 1447, 1460, 2261, 2308, 2318, 2325, 3227, 3248, 3300, 3332, 3338, 3349, 4225, 4344, 5219, 5273, 5311, 5384, 5440
– – – voltammetry, 2004, 3944, 3965, 3973, 3974, 3984, 4017
– voltammetric, 5834
– acetonyl–, *see* Hexanedione
– acetyl–, *see* Pentanedione
– benzal–, cathodic behavior, 252
– – hydrodimerization, 3002
– – voltammetric, 252, 3002
– benzoyl–, complexes, potentiometric, stability, 4288
– benzoyltrifluoro–, complexes, potentiometric, stability, 4288

Acetone complexes, conductometric, 5533
– hydrazone, formation, polarographic, 1193
– thenoyltrifluoro–, complexes, polarographic, 314
– – – potentiometric, stability, 4288
– thiothenoyltrifluoro–, complexes, potentiometric, stability, 4288
Acetonitrile, acidity (in), 2351, 5217
– adsorption (on) mercury, 1768
– – – platinum, 810
– cathodic behavior, 181
– electrochemical behavior, 2759
– solvent (for) batteries, 1841
– – – capacitance measurements, 2694
– – – chronoamperometry, 821, 2995, 3917
– – – chronocoulometry, 2727, 2995
– – – chronopotentiometry, 1785
– – – conductometry, 259, 613, 1503, 1512, 1513, 1536, 3398, 3402, 3439, 4158, 4391, 4401, 5371, 5503, 5528, 5546
– – – coulometry, 219, 245, 254, 260, 1095, 1120, 2084, 2995, 2998, 3009, 3010, 3121, 4570, 5040, 5108
– – – electrochemiluminescence measurements, 863, 5876
– – – electrochemistry, 118, 855, 1602, 1815, 2727
– – – electrolysis, 219, 714, 716, 720, 1120, 1576, 1578, 1589, 2068, 2172, 2173, 2461, 2478, 2479, 2480, 2487, 3510, 3521, 3524, 3530, 3997, 4535, 4548, 4549, 5045, 5047, 5048, 5066, 5067, 5069, 5108, 5591, 5607, 5639, 5652, 5654, 5656, 5658
– – – electrophoresis, 5700
– – – polarography, 253, 336, 338, 351, 358, 361, 1029, 1090, 1141, 1170, 2061, 2084, 2172, 2173, 3036, 3060, 3098, 3116, 3121, 3124, 3125, 3144, 3944, 3985, 4037, 4069, 5047, 5095, 5108, 5158, 5161, 5176
– – – potentiometry, 576, 1170, 1456, 1459, 2061, 2232, 2351, 2370, 3225, 3351, 3917, 4142, 4158, 4281, 4312, 4315, 5217, 5278, 5334
– – – voltammetry, 30, 147, 188, 212, 129, 223, 241, 245, 248, 249, 251, 253, 254, 259, 260, 336, 1029, 1038, 1090, 1095, 1121, 2060, 2061, 2068, 2080, 2084, 2087, 2989, 2995, 2998, 3000, 3002, 3009, 3010, 3011, 3023, 3024, 3094, 3917, 3941, 3944, 3984, 3985, 3997, 4069, 4548, 5015, 5038, 5040, 5043, 5045, 5048, 5049, 5060, 5061, 5062, 5066, 5067, 5069, 5071, 5591
– voltammetric, 181
– acetylaryl–, cathodic behavior, polarographic, 2170
– arylformyl–, cathodic behavior, polarographic, 2170
– complexes, conductometric, 4433, 4442
– mercury, interface, double layer capacitance, 1741
Acetophenone, anodic behavior, 3108
– cathodic behavior, 715, 1117
– – coupling, 1598
– electrolytic, 715, 2491, 3108, 4549
Acetophenone, hydrogenation, 4549
– pinacolization, 1117
– polarographic, 3108, 3116
– voltammetric, 11117
– benzal–, *see* Chalcone
– bromo–, reaction (with) aniline, aniline chloro–, anisidine, toluidine, conductometric, 4452
– derivatives, polarographic, 5158
– hydroxy– oxime, complexes, potentiometric, stability, 2289, 3287
– – – derivatives, ionization, potentiometric, 523
– – – – complexes, potentiometric, stability, 523, 2289, 3287
– hydroxymethyl– oxime, complexes, potentiometric, stability, 4181
– thio–, derivatives, cathodic behavior, polarographic, 2163
– trifluoro–, cathodic behavior, polarographic, voltammetric, 253
Acetoxime, *see* Propanone oxime
Acetyl cholinesterase, *see* Cholinesterase acetyl–
Acetyl esterase, *Bacillus subtilis*, electrophoretic, 3667
Acetylene, adsorption (on) platinum, 4727
– anodic behavior, 2996, 4727, 5051, 5052
– cathodic behavior, 4727
– electrolytic, 5052
– hydration, potentiometric, 1445
– voltammetric, 2996, 5051, 5052
– derivatives, complexes, conductometric, 4445
– dibenzoyl–, cathodic behavior, voltammetric, 5073
– diphenyl–, cyanation, electrolytic, 3451
– – derivatives, cyanation, electrolytic, 3451
Acetylenyl phenyl ketone, cathodic behavior, polarographic, 2178
Acid(s), *see also* Acidity
– potentiometric, 1393
– potentiophotometric, 5218
– aliphatic saturated unbranched, anodic behavior, electrolytic, 2482
– aromatic, potentiometric, ionic strength, effect (on), 578
– dibasic, conductometric, 3458
– – ionization, 1458, 3338, 3458
– – potentiometric, 1458, 3338
– – salts, conductometric, ionization, 3458
– organic, potentiometric, 3337
– polybasic, ionization, potentiometric, 3838
– polyfunctional, neutralization, potentiometric, 3834
– Pink M, aggregation, polarographic, 5179
Acidity, *see also* Acid(s), pH
– (in) acetamide dimethyl–, 2350
– – acetic acid, 2356
– – acetonitrile, 2351, 5217
– – bitumen, potentiometric, 2230
– – dimethylsulfoxide, 2350
– – dioxane, 4139
– – ethylene diamine, 2349

Acidity, (in) ethylene glycol, 1449
– – gastric juice, potentiometric, 1485, 2383
– – methanol, 2350
– – plants, potentiometric, 5471
– – propylene carbonate, 1987
– – pyrrolidinone methyl–, 583
– – pyrrolidone, pyrrolidone methyl–, 1472
– – sea water buffer synthetic, 4221
– – soil, potentiometric, 5223
– – sulfolane, 405
– – Tris hydrochloride buffer, Tris (aminohydroxyethyl) propanediol buffer, 4221
– – wood, potentiometric, 5219
Acido base, conjugation, theory, 898
– – equilibria, conductometric, potentiometric, 3169
– – isopolycomplex, equilibria, theory, 2844
– – reactions (in) alkali metal borate (*l*), 2799
– – – – benzene nitro–, 3169
– – titrations, 404, 1267, 1443, 2892, 3168, 3177, 3187
– – – computerization, 411, 2843
Aconitine, potentiometric, 3336
Acridine, anodic behavior, 2727
– cathodic behavior, 356
– chronocoulometric, 2727
– polarographic, 356
– carboxamide methylphenethyl–, cathodic behavior, polarographic, 356
– carboxylic acid, cathodic behavior, polarographic, 356
– derivatives, cathodic behavior, polarographic, 3128
Acridinium amino–, complexes, conductometric (*s*), 2436
– methyl–, cathodic behavior, polarographic, 4100
Acrolein, polarographic, 3107
– methyl–, *see* Methacrolein
Acrylamide, electrolytic, 4544
– glow discharge electrolysis, 1599
– polymerization, 1599, 4544
Acrylate, polarographic, 3109
Acrylic acid acetamido–, cathodic behavior, polarographic, potentiometric, voltammetric, 1102
– – bromo–, chloro–, cyano–, fluoro–, phenyl–, ionization, potentiometric, 1460
– – phenyl–, *see also* Atropic acid, Cinnamic acid
Acrylonitrile, amperometric, 2180
– cathodic behavior, 180, 1199, 3003, 5607
– cathodic coupling, 1598
– coupling (with) alkanones, electrolytic, voltammetric, 4542
– – – dimethyl fumarate, coulometric, voltammetric, 2073
– electrolytic, 5607, 5653
– hydrodimerization, 3003
– polarographic, 1127, 1128, 1198, 1199, 2180
– polymerization, 1198, 5653
– reaction (with) hydroxyl radical, polarographic, 1127
– solvent (for) potentiometry, 2370
Acrylonitrile, voltammetric, 180, 3003
– complexes, polarographic, stability, 3080
– vinyl–, cathodic behavior, polarographic, 1199
Actin, reaction (with) troponin, electrophoretic, 2631
– polypeptides, muscles, electrophoretic, 3627
Actinide(s), chronopotentiometric, potentiometric, voltammetric (*l*), review, 3996
Actinium (III), electrophoretic
– – complexes, electrophoretic, stability, 750, 1619, 1620
Activity coefficient(s), potentiometric, errors, 915
Adamantadione, cathodic behavior, polarographic, 3113
Adamantane, anodic behavior, electrolytic, 3521
– carboxylic acid(s), ionization, potentiometric, 565
– derivatives, anodic behavior, 3521, 3776
– – electrolytic, 3521
Adamantanol, adsorption (on) mercury dropping, 3033
– derivatives, adsorption (on) mercury dropping, 3033
Adenine, *see also* Purine amino–
– anodic behavior, review, 718
– voltammetric, 173
– nucleoside phosphate(s), adsorption (on) mercury, cathodic behavior, 4739
– nucleotide complexes, potentiometric, stability, 1326
Adenosine deaminase, human, electrophoretic, 2637
– – human erythrocytes, electrophoretic, 3660
– diphosphatase, *see* ADPase
– diphosphate, *see* ADP
– kinase, electrophoretic, 779
– monophosphatase, *see* AMPase
– monophosphatase, *see* AMP
– ribose, deprotonation, potentiometric, 3360
– triphosphatase, *see* ATPase
– triphosphate, *see* ATP
Adenylic acid, *see* AMP
Adipic acid, *see* Hexanedioic acid
Admittance, instrumentation, 4926
– measurements (in) methanol, 1151
– theory, 74, 2867
Adrenaline, *see also* Epinephrine
– anodic behavior, 2760
– potentiometric, 3336
Adsorption, computerization, 952
– (on) graphite, 4705
– – mercury, theory, 1921
– – platinum platinized, review, 4725
– review, 2685, 4704, 4725, 5941
– technique, 950, 4705, 4887, 5816
– theory, 62, 63, 65, 947, 948, 949, 950, 951, 953, 954, 955, 1881, 1894, 1917, 1918, 1919, 1920, 1921, 1922, 1924, 1933, 2858, 3853, 3854, 3855, 4850, 4851, 4852, 4854, 4886, 4887

Agar gel(s), (for) electrophoresis, 4594
Air, aldehydes (in), 1013
– ammonium (in), 4162
– butadiene hexachloro– (in), 5146
– electrode(s), hydrophobic, theory, 4865, 4866
– – – porous, theory, 85, 86
– – reference (for) potentiometry, 2309
– formaldehyde (in), 1013
– fluoroorganic compounds (in), 4933
– gap electrode(s), 3885
– hydrogen sulfide (in), 4277
– oxygen (in), 985
– sulfur (IV) oxide (in), 4277
– carbon electrode(s), overload capacity, 5939
– zinc fuel cell, 5936
AKP–1–3 conductometer, 4928
Alamethicin, conductometric, voltammetric, 5055
Alaninamide, *see also* Propionamide
– alanyl–, glycyl–, complexes, potentiometric, stability, 3212
– leucylphenyl–, complexes, electrophoretic, potentiometric, 3210
Alanine, *see also* Propionic acid amino–
– desalting, electrophoretic, 753bis
– ionization, 5271
– potentiometric, 1448, 5271
– alanyl–, complexes, potentiometric, 1302, 4177, 5267
– – – thermodynamics, 1302
– aminopeptidase, human serum, electrophoretic, 2659
– carboxypeptidase, *Bacillus subtilis*, electrophoretic, 1695
– complexes, polarographic, 5091
– – potentiometric, 440, 549, 3207, 3208, 3213, 3247, 3303, 3326, 5259, 5271, 5354, 5419
– – stability, 440, 549, 3207, 3208, 3213, 3247, 3326, 5259, 5271
– – thermodynamics, 3213
– derivatives, complexes, potentiometric, 5266, 5267
– – – stability, 5266
– dihydroxyphenyl–, anodic behavior, 2760
– – voltammetric, 1105
– glycyl–, complexes, potentiometric, 1302, 5267
– – – thermodynamics, 1302
– nitrobenzyloxycarbonyl–, nitrophenylsulfenylphenyl–, cathodic behavior, voltammetric, 5059
– phenyl, *see* Phenylalanine
Albumin, bovine blood serum, electrophoretic, 3263
– – plasma, electrophoretic, 3264
– – serum, adsorption (on) mercury, 2718, 3735
– – – electrophoretic, 1673, 2594, 4654, 5758
– – – polarographic, 1203, 3096
– electrophoretic, 4652
– fowl plasma, electrophoretic, 5759
Albumin, human blood serum, electrolytic, 1603
– – – – electrophoretic, 2595, 2596, 2597, 4653
– – – – iodination, 1603
– – serum, electrophoretic, polymerization, 3625
– serum, iodination, metabolic denaturation, 2593
– – reaction (with) benzoic acid (hydroxybenzeneazo)–, (with) propionic acid (chlorophenoxy) methyl–, voltammetric, 4016
– acetylated, electrophoretic, 4652
– iodinated, serum, electrophoretic, 2593
– methylated membranes, conductometric, 665
– – – electric tension, potentiometric, 585
– technetium–labeled, electrolytic, 4552
Alcohol(s), adsorption (on) platinum, theory, 2858
– oxygen (in), 4907
– aliphatic, solvent (for) conductometry, 1494
– primary, anodic behavior, electrolytic, 4537
– dehydrogenase, rat liver, electrophoretic, 4675
Aldehyde(s), adsorption (on) platinum, theory, 2858
– (in) air, amperometric, 1013
– aliphatic, cathodic behavior, 1190
– – coupling (with) cyanamide derivatives, (with) olefins activated, electrolytic, 703
– – hydration, 1190
– – polarographic, 324, 1190
– – unsaturated, polarographic, 3107
– aromatic, anodic behavior, 2176
– – corrosion inhibitors, 5944
– – polarographic, 2176
– complexes, conductometric, 1542
– derivatives, corrosion inhibitors, 5958
Aldolases(s), electrophoretic, 2634, 2639
– rabbit muscles, adsorption (on) mercury, 3735
Aldoxime complexes, potentiometric, stability, 1437
Algae photosynthetic, respiration, polarographic, 2884
Alginic acid, electrophoretic, 5706
– – hydrolyzate(s), *Cystoseira barbata*, electrophoretic, 1674
Alizarin, *see also* Anthraquinone dihydroxy–
– Blue, electrophoretic, 4594
– complexes, potentiometric, 5324
– Red, electrophoretic, 4594
– sulfonate complexes, potentiometric, stability, 3231
– sulfonic acid, complexes, formation, hydrolysis, potentiometric, 4227
Alkali metal ion(s), adsorption (on) hematite, 2689
– – – cathodic behavior, polarographic, 3036
– – – S.E.T., 3008
– – acetate(s), conductometric, 4373

Alkali metal, alkoxide(s), conductometric, 1551
– – borate(s), acido–base reaction (in) (*l*), 2799
– – carbonate(s), solvent (for) potentiometry (*l*), 4191
– – chloride(s), conductometric, 3383
– – – chronopotentiometric, interdiffusion (*l*), 5861
– – – potentiometric, 5227
– – – solvent (for) potentiometry (*l*), 3310, 4191, 4257
– – – thermodynamics, 5227
– – – alkaline earth metal chloride(s), conductometric, electrolytic (*l*), 3393
– – – aluminum chloride, solvent (for) voltammetry (*l*), 170, 2014
– – halide(s), conductometric, theory (*s*), 3841
– – hydroxide(s), conductometric, 3383
– – nitrate(s), solvent (for) potentiometry (*l*), 2293, 4191
– – nitrite(s), solvent (for) potentiometry (*l*), 4191
– – perchlorate(s), conductometric, 4374
– – polysulfide(s), voltammetric (*l*), 2964
– – sulfate(s), solvent (for) potentiometry (*l*), 4191
Alkaline earth metal ions, adsorption (on) hematite, 2689
– – – – S.E.T., 3008
– – – acetate(s), conductometric, 4373
– – – chloride(s) alkali metal chloride(s), conductometric, electrolytic (*l*), 3393
– substances, (in) meat, potentiometric, 5224
Alkaloid(s), electrophoretic, 2529
– salts, potentiometric, 3337
Alkane(s), anodic behavior, electrolytic, voltammetric, 2068
– branched, anodic behavior, electrolytic, 5639
– dimethoxyphenyl–, anodic behavior, cyclization, electrolytic, 5643
– nitro–, electrolytic, 2069
– – ionization, polarographic, 5145
– – voltammetric, 2069
– sulfonic acid(s), potentiometric, 1392
– thiol(s), corrosion inhibitors, 3795
– – potentiometric, 553, 5249
Alkanolide(s) methyl–, electrolytic, 4542
Alkanone(s), coupling (with) acrylonitrile (with) ethyl acrylate, electrolytic, voltammetric, 4542
Alkoxydimerization, review, 701
Alkoxylation, review, 701
Alkyl amine(s), adsorption (on) glass, 2691
– – potentiometric, protolysis, 3330
– – derivatives, complexes, conductometric, 4445
– carbonate(s), electrosynthesis, 5640
– cinnamate(s), hydrodimerization, voltammetric, 3002
– oxyperoxide(s), polarographic, 4082
– sulfate electrode, selective, 3329
Alkyl sulfonate(s), adsorption (on) silver iodide, electrophoretic, 746
– xanthate(s), complexes, polarographic, 1147
Allobarbital, conductometric, 663
– electrophoretic, 5704
Allosane complexes, polarographic, 5152
– methyl–, complexes, polarographic, 5152
Alloys, electrodeposition, review, 4475
– potentiometric, thermodynamics, review, 4131
Allyl alcohol, hydrogenation, 4538, 4539
– thiol, potentiometric, 5429
Altizide, potentiometric, 3337
Alumina, *see* Aluminum oxide
Aluminophosphate, *see* Phosphoaluminate
Aluminosilicate, *see* Silicoaluminate
Aluminum (III), amperometric, 385
– anodic behavior, 168, 169, 2013, 2458, 2459, 2783, 2940, 3908, 3923, 3937, 3941, 4790, 5588; (*l*), 170, 2273, 2930
– cadmium (in), 2929
– (III), cathodic behavior, 1571, 2460; (*l*), 170, 2014
– (in) cement, potentiometric, 1160
– chemical potential, potentiometric, 1342
– copper (in), 2929
– corrosion, 5949, 5962; (*l*), 2930
– – inhibition, 2779, 3795
– (in) cryolite, solubility, potentiometric (*l*), 473
– electric tension *vs* pH diagram, 4222
– (III), electrode, potentiometric, 5309
– electrode, overtension (on) (*l*), 4223
– – voltammetric, 3941; (*l*), 3943
– electrodeposition, 682, 1571, 2460
– electrolytic, 1572, 2459, 4496, 4497, 4498, 4499, 5588; (*l*), 1570
– (III), electrolytic, 1571, 2460
– electrolytic cell, gas content (in), 683
– electron work function, 3867
– electrowinning, review (*l*), 908
– galvanometric, 5952
– indium (in), lead (in), 2929
– (III), polarographic, 276, 283, 3064
– (I), potentiometric (*l*), 2273
– (III), potentiometric, 1310, 2274, 2275, 5309; (*l*), 2273
– potentiostatic, 4790
– (in) semiconductors, polarographic, 3942
– (in) silicates, potentiometric, 5311
– stripping, 1048
– trace analysis, 276, 3064, 3942
– voltammetric, 168, 169, 1048, 2013, 2940, 3923, 3937, 5949; (*l*), 170
– (III), voltammetric (*l*), 170, 2014
– zero charge point, 3867
– bromide, complexes, conductometric, 4419
– – potassium bromide, solvent (for) voltammetry (*l*), 2026
– bronze(s), iron (in), 3249
– chloride, conductometric, 3424, 5487
– – electroosmotic, 4763
– – polarographic, 5487

Aluminum, chloride, potentiometric, 1343
– – solubility, 5487
– – alkali metal chloride(s), solvent (for) voltammetry (*l*), 170, 2014
– – complexes, conductometric, 4418
– – – coulometric, potentiometric, self–association, 475
– – potassium chloride, potentiometric (*l*), 5241
– – – – sodium chloride, solvent (for) potentiometry (*l*), 4223
– – – – zinc (II) chloride, potentiometric (*l*), 5241
– – sodium chloride, potentiometric (*l*), 3179
– – – – solvent (for) chronoamperometry, chronopotentiometry (*l*), 3925
– – – – – – – electrolysis (*l*), 234
– – – – – – – polarography (*l*), 3925
– – – – – – – potentiometry (*l*), 448, 2273, 3925, 4293
– – – – – – – voltammetry (*l*), 234, 2079, 3925, 3943
– (III), complexes, cathodic behavior, 5109
– – – polarographic, 291, 1149, 3064, 3065, 5109
– – – potentiometric, 453, 1308, 2265, 3251, 4198 ; (*l*), 474, 3179
– – – stability, 453, 1149, 1308, 2265, 3251, 4198 ; (*l*), 474, 3179
– copper, electrolytic (*l*), 677
– – silicon, electrolytic (*l*), 677
– fluoride, conductometric (*l*), 1524
– – calcium fluoride sodium fluoride, solvent (for) conductometry (*l*), 2405
– – lithium fluoride, conductometric (*l*), 3392
– – sodium chloride sodium fluoride, solvent (for) electrolysis (*l*), 4496
– – – fluoride, conductometric (*l*), 3392
– iodide, potentiometric, 4225
– iron, anodic behavior (*l*), 3770
– – silicon, activity, potentiometric, 1341
– lithium electrode(s), (for) thermal batteries (*l*), 3787
– – chloride, voltammetric, 2924
– – hydride, complexes, conductometric, 5488
– magnesium, corrosion, voltammetric, 5948
– – spinel(s), electrolyte(s) (for) potentiometry (*s*), 512
– mercury, anodic behavior, voltammetric, 3937
– nitrate, reaction (with) sodium tungstate, conductometric, potentiometric, 4152
– organoderivatives, polarographic, 4029
– – complexes, potentiometric, 2276
– oxide, breakdown (*s*), 5606
– – conductometric (*s*), 4415, 4416 ; review, 4414
– – electrolyte (for) galvanic cell (*s*), 1523, 3250
– – – – potentiometry (*s*), 1342
– – electrolytic (*l*), 1574, 4500
– – – anode effect (on), 1572
– – – anodic process(es), 1573
Aluminum oxide, electrophoretic, 5694, 5695
– – oscillometric, 4929
– – potentiometric (*s*), 1319, 1342
– – sodium oxide (in), 1342
– – sol(s), double layer, 4745
– – surface conductance, 3423
– – thermodynamics (*s*), 1342
– – transport numbers (*s*), 1319
– – zeta electric tension, 3423
– – boron carbide, boron (in)
– – calcium oxide, electrocapillarity (*l*), 831
– – – – magnesium oxide, voltammetric (*l*), 2002
– – – – silicon oxide, potentiometric (*l*), 3178
– – – – – voltammetric (*l*), 2002
– – – – – vanadium (V) oxide, conductometric (*l*), 4407
– – cobalt (II) oxide, conductometric (*s*), 5521
– – cryolite, conductometric, theory (*l*), 2851
– – – solvent (for) capacitance measurements (*l*), 5854
– – – – – potentiometry (*l*), 4223, 4285
– – hydrated, acidity, potentiometric, 5310
– – iron, conductometric (*s*), 4417
– – iron–doped sodium, galvanic cell, 4801
– – – (III) oxide nitrogen (V) oxide, conductometric, potentiometric, 4224
– – lithium oxide, conductometric (*s*), 3384
– – magnesium oxide, electrolyte (for) potentiometry (*s*), 512
– – – – potentiometric, transport numbers (*s*), 1319
– – *iso*–propanol, electroosmotic
– – silicon oxide, electrolyte (for) potentiometry (*s*), 512
– – sodium oxide, deposition, electrolyte (for) batteries, electrophoretic (*s*), 3792
– – – – potentiometric, transport numbers (*s*), 2237
– oxychloride, conductometric, 3424
– oxygen, galvanic cell(s) (in) biology, 1835, 2275
– silicate(s), electrolyte(s) (for) potentiometry (*s*), 512
– silicon, electrolytic (*l*), 677
– sulfate, electroosmotic, 4763
– titanium vanadium electrode, overtension (on), voltammetric, 1021
– yttrium, electrolytic (*l*), 3483
– zinc (II) oxide, photogalvanic cell, 2776
Amalgam(s), dissolution kinetics, 5914
– electrode(s), redox process(es), 5893
– potentiostatic, 5914
Americium (III), anodic behavior, 3506
– – cathodic behavior (*l*), 1786
– (IV), cathodic behavior, 3506
– (VI), cathodic behavior, 3506
– (III), chronopotentiometric (*l*), 1786
– coulometric, 3550
– (III), diffusion (*l*), 1786
– – electrolytic, 3506

Americium (IV), electrolytic, 3506
– (VI), electrolytic, 3506
– (III), electromigration, 5881
– electrophoretic, 2518
– (III), hydrolysis, 5881
– redox behavior, 3230
– trace analysis, 3550
– complexes, electrophoretic, stability, 750
Amidases, electrophoretic, 3655
Amidopyrine, (in) blood, voltammetric, 5077
Aminco–Morrow conductometer, stopped–flow, 2893
Amine(s), alkoxylation, 701
– electrode(s), selective, 2291
– (in) meat, potentiometric, 5224
– poison(s) (for) platinum, 1072
– potentiometric, 405, 2070, 2291
– voltammetric, 1072, 2070
– aliphatic, conductometric, 5562
– – corrosion, inhibitors, 2978
– – ionization, solvation, 5562
– aromatic, conductometric, ionization, solvation, 5562
– – primary, amperometric, 394, 572
– – – electrophoretic, 2519
– derivatives, corrosion inhibitors, 5960
– tertiary, amperometric, coulometric, potentiometric, 393
Amino acid(s), amperometric, 4129
– – blood, electrophoretic, 3576
– – conductometric, 1397
– – electrode(s), selective, 4326
– – coffee, electrophoretic, 4609
– – electrophoretic, 5710
– – electrosynthesis, 5650
– – (in) geological samples, electrophoretic, 753 bis
– – polarographic, 1200
– – potentiometric, 1397, 4129
– – royal jelly, electrophoretic, 2532
– – skin, electrophoretic, 5711
– – urine, electrophoretic, 3576
– – complexes, potentiometric, stability, 3247, 3345
– – – thermodynamics, 3345
– – hydroxy–, derivatives, ionization, potentiometric, 3344
– – – – complexes, potentiometric, stability, 3344
– – keto esters, electrosynthesis, 3516
– – naphthylamidase pregnancy, electrophoretic, 3655
– group(s), (in) poly(hexanoic acid amide), potentiometric, 3343
Aminopeptidases, blood strains, electrophoretic, 1692
Aminotoluene oxidase, serum, electrophoretic, 3677
Aminotransferases, electrophoretic
Ammonia, electrode, selective, 2291
– glow discharge electrolysis, 2787, 5970
– liquid–solid transition, conductometric, 2425
– meter, 1954
Ammonia, potentiometric, 2297, 3885, 4260
– solvent (for) conductometry (*l*), 107, 3410
– – – electrochemistry (*l*), 2744
– – – electrolysis (*l*), 3915, 4507
– – – polarography (*l*), 1128
– – – potentiometry (*l*), 2248
– – – voltammetry (*l*), 200, 2964, 3019, 3915
– (in) tobacco, potentiometric, 4261
– – water, potentiometric, 4259
– – – vapor, potentiometric, 1954
– complexes, conductometric, 5499, 5551
– – polarographic, 1138, 5091
– – potentiometric, 1434, 1437, 1439, 5421
– – stability, 1138, 1434, 1437, 1439, 4982, 5421
– – voltammetric, 4982
Ammonium, amperometric, 5188
– (in) air, potentiometric, 4162
– cathodic behavior, 1804, 1977, 1990, 3919
– conductometric, 1488, 3409
– electrode, selective, 1292, 1466
– (in) meat, potentiometric, 5224
– mobility, 742
– (in) plasma, potentiometric, 3885, 4162, 4163
– polarographic, 1029
– potentiometric, 427, 1954
– (in) sea water, coulometric, 3535
– – – – potentiometric, 428, 3535
– – serum, potentiometric, 3885
– – soil, potentiometric, 1293, 2247
– solvation, 1488
– voltammetric, 1028, 1029, 1977, 1990, 3919
– (in) waste water, potentiometric, 1292, 5244
– – water, potentiometric, 1293, 2245, 3190, 3887
– acetate, potentiometric, 3336
– (acetylindandione) trialkyl– iodide, ionization, potentiometric, 3192
– – – – complexes, potentiometric, stability, thermodynamics, 3192
– alkyl–, adsorption (on) glass, 2691
– *n*–alkyl– chloride, hydration, 5916
– alkyldimethyltolyl– chloride, activity, potentiometric, 421
– alkylhexamethylene– chloride, polarographic, 5085
– – thiocyanate, polarographic, 5085
– amalgam, effect (on) stripping, theory, 3824
– benzyldimethyl– picrate, conductometric, 3411
– benzyldimethyloctadecyl– chloride, potentiometric, 3191
– benzylhexamethylene– chloride, polarographic, 5085
– – thiocyanate, polarographic, 5085
– bromide, association, 3388
– – conductometric, 107, 3388
– bromophenyl–, conductometric, mobility, 1489
– butyl–, adsorption (on) platinum, 1744
– butyltrimethyl– iodide, association, conductometric, Walden product, 5503

Ammonium carboxypyrrolidinecarbodithioate, adsorption (on) mercury dropping, polarographic, 274
– cetyltrimethyl– bromide, activity, critical micelle concentration, conductometric, potentiometric, 429
– – – membrane, conductometric, 2412
– – chloride membrane, conductometric, 5575
– chloride, conductometric, 2408, 3408 ; (*l*) 2413
– – ionization (*l*), 2413
– – proton transfer, potentiometric, 2246
– chromium (III) sulfate, electrosynthesis, 4474
– complexes, formation, 5890
– – polarographic, voltammetric, 1029
– decyltrimethyl– carboxylate(s), conductometric, ion–pair formation, 4400
– dibenzylphenyl–, conductometric, mobility, 1489
– diethyl–, conductometric, 2409
– difluoromethyl–, conductometric, 5500
– dihydrogen phosphate, conductometric (*s*), 3404
– dimethyl–, conductometric, 2409
– dimethyl– sulfate, conductometric (*l*) 616 ; (*s*) 3412
– – hydrogen sulfate, conductometric (*s*), 3412
– dimethyloctyl– picrate, conductometric, 3411
– dodecyl– bromide, amperometric, 383
– ethyl–, conductometric, 2409
– – bromide, potentiometric, solvent (for) potentiometry (*l*), 5281
– – chloride, solvent (for) chronopotentiometry (*l*), 1782
– – – – – potentiometry (*l*), 5281
– – iodide, solvent (for) potentiometry (*l*), 5281
– hexadecyltrimethyl– carboxylate(s), conductometric, ion–pair formation, 4400
– hexyltrimethyl– iodide, association, conductometric, Walden product, 5503
– hydroxide, glow discharge electrolysis, 1557
– – potentiometric, 3187
– iodide, activity, 2248
– – association, conductometric, 3388
– – potentiometric, 2248
– iodophenyltrimethyl– iodide, polarographic, 5086
– methyl–, conductometric, 2409
– methyldiethylalkoxymethyl– methyl sulfate, activity, potentiometric, 421
– nitrate, activity, potentiometric, 2248
– – solvent (for) potentiometry (*l*), 5301
– perchlorate, complexes, conductometric, 5499
– peroxydisulfate, conductometric, 2399
– pyrrolidinecarbodithioate, adsorption (on) mercury dropping, polarographic, 274
– quaternary, adsorption (on) mercury, 1745

Ammonium quaternary halide(s), association, conductometric, 4398
– – – (in) polymers, conductometric (*s*), 4399
– – – Walden product, 4398
– sulfate, conductometric (*s*), 612
– – (in) polyacrylamide gel(s), conductometric, 4397
– tetraalkyl–, adsorption (on) glass, 2691
– – conductometric, 3409
– – halide(s), conductometric, 4374
– – methylene chloride, liquid membrane, selectivity, 430
– – perchlorate(s), conductometric, 4374
– tetrabutyl–, adsorption (on) mercury, 4712
– – – – – dropping, 5822
– – mobility, 613
– – Walden product, 2411, 5485
– – aluminum tetrabutyl–, conductometric, 4384
– – bromide, association, 3388
– – – conductometric, 614, 2411, 3388, 4374; (*l*) 1515
– – – ionization, potentiometric, 4956
– – – transport numbers, 4375
– – – voltammetric, 4956
– – chloride, conductometric, 2411 ; (*l*) 1515
– – – Walden product, 2411
– – complexes, conductometric, 5528
– – halide(s), association, conductometric, ionization, 3387
– – iodide, adsorption (on) mercury, 1336
– – – – – zinc, 5831
– – – association, 1514, 3388, 3402
– – – conductometric, 605, 1512, 1513, 1514, 2410, 2411, 3388, 3402, 3410, 4374, 5492 ; (*l*) 1515
– – – ionization, 2410, 4956
– – – potentiometric, 4956
– – – solvation, 1514
– – – thermodynamics, 3402
– – – voltammetric, 4956
– – – Walden product, 605, 2411
– – nitrate, association, 3386
– – – conductometric, 3386, 3410
– – perchlorate, association, 3387, 3388
– – – conductometric, 3387, 3388, 3410, 4374
– – – ionization, 3387
– – picrate, association, 3388
– – – conductometric, 3388, 3411
– – tetraphenylborate, association, 3388
– – – conductometric, 3388, 4401, 5502
– – – diffusion, 4401
– – – standard (for) conductometry, 5502
– – thiocyanate, conductometric, Walden product, 615
– tetradecyldimethylbenzyl–, solvation, 2395
– – perchlorate, solvation, 2395
– tetraethyl–, adsorption (on) mercury, 1741, 4712
– – – – – dropping, 284, 3038
– – conductometric, 613, 1488
– – mobility, 613

Ammonium tetraethyl–, polarographic, 3038
– – solvation, 1488, 2395
– – Walden product, 5485
– – amalgam, electrolytic, 1558
– – bromide, association, conductometric, 3388
– – – complexes, conductometric, 5371
– – chloride, association, conductometric, 3388
– – – electroosmotic, 1789
– – – potentiometric, transport heat, 4164
– – iodide, association, 3388
– – – conductometric, 597, 605, 2410, 3388
– – – ionization, 2410
– – – Walden product, 605
– – nitrate, association, conductometric, 3388
– – perchlorate, association, 3388
– – – conductometric, 2395, 3388, 4374
– – – polarographic, 2098
– – picrate, association, conductometric, 3388
– tetraheptyl– iodide, conductometric, Walden product, 605
– – tetrafluoborate, conductometric (*l*), 5501
– tetrahexyl–, solvation, 2395
– – iodide, conductometric, Walden product, 605
– – perchlorate, conductometric, 2395
– tetramethyl–, adsorption (on) mercury, 4712
– – – – – dropping, 284
– – conductometric, 613, 1488, 3409
– – mobility, 613
– – reaction (with) benzene nitro–, polarographic, 2097
– – solvation, 1488, 2395
– – Walden product, 5485
– – amalgam, adsorption (on), electrocapillarity, 1762
– – – electrolytic, 1588
– – bromide, association, conductometric, 3388
– – chloride, association, 3388
– – – conductometric, 1988, 3388
– – – electroosmotic, 1789
– – – potentiometric, transport heat, 4164
– – – voltammetric, 1988
– – hydroxide, polarographic, 5084
– – iodide, association, 3388
– – – conductometric, 605, 3388
– – – Walden product, 605
– – – nitrate, association, conductometric, 3388
– – perchlorate, association, 3388
– – – conductometric, 2395, 3388, 3843, 4374
– – – thermodynamics, 3843
– – picrate, association, conductometric, 3388
– tetrapentyl–, conductometric, mobility, 613
– – iodide, conductometric, 605, 4374
– – – Walden product, 605
Ammonium tetrapentyl–, tetrapentylboride, conductometric, 4374
– tetrapropyl–, adsorption (on) mercury dropping, 3038
– – conductometric, 613, 1488
– – mobility, 613
– – polarographic, 3038
– – solvation, 1488
– – transfer kinetics, 842
– – Walden product, 5485
– – bromide, association, 3388
– – – conductometric, 3385, 3388
– – iodide, association, 3388
– – – conductometric, 605, 3388
– – – Walden product, 605
– – nitrate, association, conductometric, 3388
– – perchlorate, association, 3388
– – – conductometric, 3388, 3843, 4374
– – – thermodynamics, 3843
– – picrate, association, conductometric, 3388
– thiocyanate, association, conductometric, 3388
– tributyl– picrate, conductometric, 3411
– triethyl–, conductometric, 1489, 2409
– – mobility, 1489
– trimethyl–, conductometric, 2409
– tungstate, electrodialytic, 3759
– ylids, electrolytic, 3476
Amobarbital, conductometric, 663
Amorphous compounds, vitrification, conductometric, theory, 1911
AMP cyclase, rat brain, electrophoretic, 2636
– kinase, equilibria, potentiometric, 1326
– – human erythrocyte, electrophoretic, 3660
– – *Plasmodium*, electrophoretic, 3664
– phosphodiesterase, electrophoretic, 1717
Amperometry, (in) acetic acid, 1244, 2219, 4121
– – – anhydride, 381, 393
– – *tert*–butanol, 2217
– – ethanol, 5284
– – formamide dimethyl–, 2180
– – formic acid, 310
– instrumentation, 99, 988, 989, 1013, 1968, 2885, 3883, 3884
– (in) methanol, 1242
– – potassium pyrosulfate potassium sulfate (*l*), 390
– – *iso*–propanol, 5203
– – pyridine, 1242, 5203
– review, 392
– technique, 5189
– theory, 3829
Amperostat transistorized, 1968
Amphetamine, conductometric, solubility, 4457
– sulfate, amperometric, 2220
Ampholine, electrophoretic, review, 4655
Ampholyte(s), electrophoretic, 3574
Amplifier(s) operational, 1878
Amygdalin, electrode, selective, 3362
– electrophoretic, 5784

Amygdalin, potentiometric, 3362
Amyl, *see* Pentyl
Amylase(s), electrophoretic, 2635, 3656, 3657, 4674, 5777
– grape wines wood, electrophoretic, 3656
– human pancreatic juice, electrophoretic, 2635
– inhibitors, *Triticum aestivum*, electrophoretic, 3657
Amyleine hydrochloride, coulometric, 5678
– – potentiometric, 3337, 5678
Anaesthetics, coulometric, potentiometric, 4574
Analcite membrane polystyrene-imbedded, (for) potentiometry, 1267
Angiotensinase C, electrophoretic, 1694
Anhydrases(s), conductometric, electrophoretic, 669
– potentiometric, 4247
Anilide, derivatives, ionization, potentiometric, 570
Aniline, adsorption (on) carbon, 2713
– – – zinc, 5831
– anodic behavior, 247, 821, 2713
– basicity, 405
– chronoamperometric, 821
– conductometric, 5567
– coulometric, 4570
– electrolytic, 5655
– potentiometric, 405, 569, 3331
– reaction (with) acetophenone bromo–, conductometric, 4452
– solvent (for) conductometry, 1514
– – – electrolysis, 2460
– voltammetric, 247, 3014
– anisalbutyl–, capacitance, phase transition (by) vibrating condenser method, potentiometric, 571
– butyl–, cathodic behavior, voltammetric, 2080
– chloro–, basicity, 405
– – potentiometric, 405, 569, 3331
– complexes, conductometric, 1530
– derivatives, cathodic behavior, 1211, 2081
– – corrosion inhibitors, 5958
– – coulometric, 2081
– – electrolytic, 5655
– – ionization, 570
– – polarographic, 1211, 2081
– – potentiometric, 570
– – potentiostatic, voltammetric, 2081
– – complexes, polarographic, 1094
– – substituted, anodic behavior, 248
– – – voltammetric, 248, 2078
– – – radicals, stability, voltammetric, 1113
– diethyl–, solvent (for) electrolysis, 2460
– dimethyl–, anodic behavior, voltammetric (*l*), 2079
– – chloro–, dimethylnitro–, ionization, potentiometric, 5438
– – substituted, anodic behavior, voltammetric (*l*), 2079
– dinitro–, conductometric, 661
Aniline ethoxybenzilidenebutyl–, voltammetric, 3015
– hydroxy–, *see* Phenol amino–
– methoxy–, *see* Anisidine
– methoxybenzilidenebutyl–, cathodic behavior, 2080
– – conductometric, polarographic, 1212
– – solvent (for) chronopotentiometry, 2080
– – voltammetric, 2080, 3015
– methyl–, potentiometric, 3331
– – solvent (for) electrolysis, 2460
– – derivatives, reaction (with) benzoquinoneimine methyl–, potentiometric, 2363
– nitro–, alkoxy carbonium trapping, 1114
– – basicity, 405
– – chronopotentiometric, 1114
– – potentiometric, 405, 3331
– – voltammetric, 1114
– – complexes, conductometric, 3443
– – derivatives, cathodic behavior, 5907
– ring–substituted, electrode filming behavior, 3783
– sulfonic acid, anodic behavior, voltammetric, 2085
– Yellow 2RL, electrophoretic, 3573
Anion(s), electrophoretic, mobility, 744
– exchangers, regeneration, 4760
Anisaldehyde, cathodic behavior, voltammetric, 2080
Anisidine, basicity, 405
– potentiometric, 405, 569
– reaction (with) acetophenone bromo–, conductometric, 4452
– derivatives, complexes, polarographic, 5138
Anisole, anodic behavior, 4547
– electrolytic, 713, 1108, 4547
– fluorination, 713
– methoxylation, 1108
– solvent (for) potentiometry, 5410
– voltammetric, 1108
– chloro–, electrolytic, fluorination, 713
– derivatives, anodic behavior, electrolytic, 4547
– – substituted, voltammetric, 2078
– methylthio–, complexes, conductometric, 1547
Annulenedione dicyclohexeno–, dimethyl–, cathodic behavior, voltammetric, 5073
Anthracene, electrochemiluminescence, 1887
– electrode, photoelectrochemistry, 861, 862
– polarographic, 1128
– amino–, polarographic maxima suppressor, 2105
– bromo–, polarographic, 5086
– derivatives, anodic behavior, voltammetric, 3011
– dianisyl–, coulometric, voltammetric, 245
– dibenzyl–, voltammetric, theory, 2828
– dibromo–, polarographic, 5086
– dihydro–, self–oxidation, 867
– dimethoxy–, electrolytic, methoxylation, voltammetric, 1108
– dimethyl-, electrochemiluminescence, 1887, 5876

Anthracene dimethyl–, anion radical, electrochemiluminescence, 5873
– dinitro–, cathodic behavior, polarographic, 3120
– diphenyl–, adsorption (on) platinum, 1111
– – anion radical, adsorption (on) platinum, anodic behavior, chronocoulometric, voltammetric, 1111
– – cathodic behavior, 1111, 4091
– – chronocoulometric, 1111
– – electrochemiluminescence, 334, 1887, 3523; (*l*) 3012
– – electrolytic, 3523
– – polarographic, 334, 4091
– – radicalization, 3013; (*l*) 3012
– – voltammetric, 1111, 3013; (*l*) 3012
– – derivatives, polarographic, voltammetric, 2076
– methyl–, electrochemiluminescence, 5875
– – voltammetric, theory, 2828
– nitro–, cathodic behavior, polarographic, 3120
– phenyl–, pyridination, 244
– – voltammetric, 244, 2828
Anthranilic acid, *see also* Benzoic acid amino–
– – ionization, 1460, 2278
– – potentiometric, 578, 1460, 2278, 2370
– – complexes, conductometric, 3443
– – – potentiometric, 2278, 3303
– – – stability, 2278
– – phenyl-, complexes, potentiometric, 3303
– – polymers, conductometric, potentiometric, 1450
– – substituted, complexes, cathodic behavior, polarographic, voltammetric, 2109
Anthraquinone, amperometric, 2180
– cathodic behavior, 3123, 5073
– polarographic, 2180, 3116, 3123
– redox electric tension, 3353
– voltammetric, 5073
– amino–, chloro–, cathodic behavior, polarographic, 3123
– dihydroxy–, *see also* Alizarin
– disulfonic acid, cathodic behavior, polarographic, 1118
– hydroxy–, polarographic, 3116
Anthrylaldehyde selenosemicarbazone, thiosemicarbazone, complexes, cathodic behavior, polarographic, 4033
Antibiotics, (in) food, electrophoretic, 3575
Antigen Australia, electrophoretic, 2544
– E, ragweed pollen, electrophoretic, 5808
– tumor, electrophoretic, 3714
Antihemophilic factor, blood, voltammetric, 4013
Antimony, adsorption (on), 2715, 3857
– amalgamation, 2102
– (III), amperometric, 194, 5671
– anodic behavior, 1899
– (III), anodic behavior, 193
– – cathodic behavior, 2134, 5007
– chromatocoulometric, 3543
– (in) chromium, stripping, 5005
– corrosion, 2926
Antimony, coulochromatographic, coulometric, 3543
– (III), coulometric, electrocatalytic, 5671
– electrode, capacitance differential, 1772, 3857
– – double layer, review, 5847
– – potentiokinetic, 2715
– (III) electrode, S.E.T., 1374
– electrodeposition, 1580, 1913
– electrogravimetric, 1913
– electrolytic, 4511
– (III), electrolytic, 1564, 2455
– hydrophilicity, 3857
– polarographic, 276, 1899, 2102
– (III), polarographic, 2134, 2831
– potentiometric, 2102; (*l*) 5353
– (III), potentiometric, 1329, 1347, 1374
– (in) sea water, stripping, 192
– – semiconductors, polarographic, 3942
– stripping, 139, 177, 182
– (III), stripping, 149
– – thermodynamics, 1374
– trace analysis, 149, 177, 182, 192, 276, 3823
– voltammetric, 2926, 3823
– (III), voltammetric, 149, 193, 194, 5007
– zero charge point, 1772, 3857
– amalgam, anodic behavior, voltammetric, 5004
– antimony (III) oxide, redox electric tension, 5250
– bismuth, electrodeposition, 2451
– – thallium, potentiometric, thermodynamics (*l*), 2279
– (III) bromide, complexes, conductometric, 4433
– – cesium sulfide, conductometric (*s*), 5496
– (V) chloride, conductometric, 4427
– – – voltammetric, 1987
– (III) chloride, complexes, conductometric, 4433
– – complexes, polarographic, 3047
– – – voltammetric, 139
– compounds, cathodic behavior, voltammetric, 4966
– copper, potentiometric, thermodynamics (*l*), 5247
– gallium, double layer, 3741
– hydride, *see also* Stibine
– indium, anodic behavior, corrosion, 2780
– – double layer, 3741
– – electrodeposition, 4501
– – potentiometric (*l*), 3253
– (III) iodide, potentiometric, 2306
– lead, corrosion, 2926
– – electrode, anodic behavior, impedance, voltammetric, 3954
– – potentiometric, thermodynamics (*l*), 490, 3269
– – voltammetric, 2926
– nickel, electrodeposition, 5007
– (III) oxide, activity (*l*), 5353
– – – potentiometric, thermodynamics (*s*), 3282
– – – antimony, redox electric tension, 5250

Antimony potassium, potentiometric, thermodynamics (*l*), 424
– (III) potassium sulfide, conductometric (*s*), 5496
– – rubidium sulfide, conductometric (*s*), 5496
– sodium, electrolytic, thermodynamics (*l*), 4469
– (III) sulfide, cathodic behavior, 3964
– – – photoconductance (*s*), 5006
– – – voltammetric, 3964; (*s*) 5006
– telluride germanium telluride, conductometric (*s*), 5531
– tin, electrodeposition, 2451
Antipyrine, *see also* Pyrazolone dimethylphenyl–
– amperometric, 381, 393
– coulometric, 381
– potentiometric, 393
– derivatives, anodic behavior, coulometric, electrolytic, voltammetric, 1120
Antitrypsin, electrophoretic, 3626, 4652
– serum, electrophoretic, 5760
Apolipoproteins, human plasma, electrophoretic, 3628
Apoprotein Folch–Pi, electrophoretic, 5761
– human serum, electrophoretic, 761, 4640
Apple juice fermentation, redox electric tension, 4355
Apresoline, polarographic, 1227
Aprobarbital, conductometric, 663
– electrophoretic, 5704
Aquedux, conductometric, 3337
Arabinose, complexes, potentiometric, stability, 2272
Arene(s), anodic behavior, voltammetric, 5017
– thiols, corrosion, inhibitors, 3795
– – potentiometric, 553, 5429
Arginine, desalting, 753 bis
– electrophoretic, 753 bis, 2533
– complexes, potentiometric, stability, 3247
– decarboxylase, *Escherichia coli*, electrophoretic, 5781
Argon, oxygen (in), 5673
Aromatic compounds, acylation, electrolytic, 3526
Arsenate, *see also* Arsenic (V)
– potentiometric, trace analysis, 3256
– arsenite, redox electric tension, 4267
Arsenic (III), *see also* Arsenite
– (V), *see also* Arsenate
– (III), chronoamperometric, 1778
– – coulometric, 4563
– – electrolytic, 1564
– – electrophoretic, 5688
– polarographic, 4018
– (III), potentiometric, 2304, 3280, 4563
– (V), potentiometric, 3256
– (III), reaction (with) iodate, potentiometric, 3280
– (III–V), redox electric tension, 4267
– stirring, 140, 2033, 4964
– trace analysis, 2033, 3256, 4018
Arsenic, voltammetric, 4964
– (III), voltammetric, 140
– (in) waste water, polarographic, 3075
– – water, amperometric, 5199
– compounds, cathodic behavior, voltammetric, 4966
– heteropolyacids, cathodic behavior, conductometric, polarographic, 4054
– – potentiometric, voltammetric, 3963
– (III) iodide, potentiometric, 2306
– lead, potentiometric, thermodynamics (*l*), 3269
– (III) oxide, coulometric, primary standard, purity, 3542
– selenide lead selenide, conductometric (*s*), 643
– sodium, electrolytic, thermodynamics (*l*), 4469
Arsenious acid, adsorption (on) gold, (on) platinum, anodic behavior, cathodic behavior, voltammetric, 190
– – complexes, potentiometric, stability, 2272
Arsenite, *see also* Arsenic (III)
– potentiometric, 2304, 2305
– arsenate, redox electric tension, 4267
Arsine, voltammetric, 4966
– oxide alkyl–, derivatives, basicity, potentiometric, reaction (with) butyl iodide, 1444
Arsonic acid(s) aromatic, ionization, potentiometric, 4340
Arsonium alkyldiphenylmethyl– iodide, association, conductometric, 651
– allyldiphenylmethyl– iodide, association, conductometric, 651
– hydroxytriphenyl– perchlorate, cathodic behavior, electrolytic, voltammetric, 5047
Aryl sulfatase(s), human, electrophoretic, 2667
– – – brain, electrophoretic, 2668
– sulfonate(s), derivatives, cathodic behavior, polarographic, 1206
Asbestos serpentine, electrokinetic tension, electroosmotic, 3760
Ascorbic acid, *see also* Vitamin C
– – amperometric, 3552
– – anodic behavior, 2072, 2739
– – (in) blood, voltammetric, 5077
– – – – serum, voltammetric, 1121
– – coulometric, 2509, 3552
– – (in) food, polarographic, 328
– – galvanostatic, 2739
– – indicator (for) voltammetry *in vivo*, 264
– – (in) plants, polarographic, 5183
– – potentiometric, 558
– – radical, polarographic, 5184
– – reaction (with) hexacyanoferrate (III), potentiometric, 3321
– – – – tungsten heteropolyacids, (with) vanadium heteropolyacids, potentiometric, 4250
– – voltammetric, 2072
– – (in) wine, potentiometric, 1389

Ascorbic acid, complexes, potentiometric, 458, 459, 460, 1324
– – dehydro–, (in) food, polarographic, 2164
– – – – plants, polarographic, 5183
– – oxidase, electrophoretic, 2658
Asparagine complexes, electrochromatographic, 832
– – potentiometric, 3247, 3326, 4198, 4238, 5419
– – stability, 3247, 3326, 4198, 4238
– glycyl–, complexes, potentiometric, stability, 548
Aspartate aminotransferase beef brain, electrophoretic, 2671
– – carrot, electrophoretic, 4676
– – oyster, electrophoretic, 4699
– complexes, ionization, polarographic, 3097
Aspartic acid, (in) molasses, electrophoretic, 4761
– – complexes, electrochromatographic, 832
– – – polarographic, 3046
– – – potentiometric, 548, 3206, 3207, 3208, 3247, 5269
– – – stability, 548, 3046, 3206, 3207, 3208, 3247, 5269
– – – thermodynamics, 3046, 3206, 5269
– – copolypeptides, conductometric, potentiometric, 2360
– – glycyl–, complexes, potentiometric, stability, 548
Association, theory, 4874
Astatine, redox behavior, theory, 3230
Astrazon Blue B6, Red 5BL, Red GTL, Yellow 7GL, electrophoretic, 3573
ATP, ionization, potentiometric, 455
– complexes, potentiometric, 455, 4237
– – stability, 455
– – thermodynamics, 4237
ATPase, electrophoretic, 1725, 3568
– polarographic, 1232
Atrazine, (in) soil, conductometric, 5569
Atropine, ionization, 562
– potentiometric, 562, 1476, 3336
– sulfate, potentiometric, 3337
Autocatalysis, autonhibition, theory, 4851
AV–17 exchanger anionic, regeneration, 833, 4555
Azacyclooctanone, complexes, conductometric, 5533
Azahydrocarbons aromatic, anodic behavior, 2727
Azaindoline, derivatives, polarographic, 363
Azelaic acid, *see* Nonanedioic acid
Azide complexes, cathodic behavior, 3988
– – potentiometric, 4249
– – voltammetric, 3988
Azoaniline, complexes, conductometric, 5553
Azobenzene, cathodic behavior, electrolytic, polarographic, 2173
– complexes, cathodic behavior, polarographic, 5109
– derivatives, cathodic behavior, polarographic, 338
Azobenzene dicarboxylic acid hydroxybenzene–, reaction (with) albumin serum, voltammetric, 4016
– dihydroxy–, *see also* Azophenol
– – complexes, cathodic behavior, polarographic, 5092, 5109
– hydroxy–, *see also* Azophenol phenyl–
– – hydroxynitro–, nitro–, complexes, cathodic, behavior, polarographic, 5109
– substituted, polarographic, protonation, 3124, 3125
– sulfonate derivatives, ionization, potentiometric, 3203
– – – complexes, potentiometric, stability, 3203, 5323
– sulfonic acid hydroxyamino–, complexes, cathodic behavior, polarographic, 5109
– trihydroxy–, complexes, cathodic behavior, polarographic, 5109
Azobenzoic acid, *see* Azobenzene dicarboxylic acid
Azo compounds, cathodic behavior, polarographic, 5109
Azo dyes, potentiometric, 3927
Azonaphthalene phenyl–, derivatives, complexes, polarographic, 282
Azonaphthol hydroxyphenyl–, nitrophenyl–, phenyl–, complexes, cathodic behavior, polarographic, 5109
– phenyl–, derivatives, ionization, potentiometric, 2368
– pyridyl–, ionization, potentiometric, stability, 1149
– sulfonic acid, derivatives, cathodic behavior, polarographic, 5109
Azophenol, *see also* Azobenzene dihydroxy–
– phenyl–, *see also* Azobenzene hydroxy–
– – substituted, ionization, potentiometric, 2368
Azopyrazole phenyl–, derivatives, complexes, polarographic, 282
Azopyrazolone methylphenyl–, complexes, cathodic behavior, polarographic, 293
Azoxybenzene, derivatives, electrosynthesis, 3777

Bacitracine, electrophoretic, 3575
Barbital, *see also* Barbituric acid diethyl–
– electrophoretic, 5704
– crotyl–, electrophoretic, 5704
Barbiturate diethyl–, complexes, formation, 2116
Barbituric acid amino–, *see also* Uramil
– – diethyl–, *see also* Barbital
– – ethylphenyl–, *see also* Phenobarbital
– – thio–, cathodic behavior, polarographic, 5159
– – – potentiometric, 1474
Barium (II), adsorption (on) hematite, 2689, 5402
– – cathodic behavior, 272, 1140, 2099, 3036, 3919, 4038
– – electrode, selective, 1320
– – S.E.T., 1140

Barium (II) electrophoretic, 1619
– – (by) impedance measurements, 4038
– – mobility (*l*), 3389
– – polarographic, 272, 1139, 1140, 2099, 2101, 3036, 4038
– – potentiometric, 2266
– – solvation, 3395
– trace analysis, 2101
– (II), transport numbers, 4383
– – voltammetric, 2922, 3919
– chloride, conductometric, 597, 604, 2408; (*l*) 3393
– – electrolytic (*l*), 3393
– – electroosmotic, 4673
– – liquid junction electric tension, theory, 7
– – cryolite, conductometric (*l*), 2404
– – potassium, chloride, potentiometric (*l*), 3175
– (II), complexes, electrophoretic, 2250
– – – potentiometric, 461, 2250, 3238, 4205, 5289
– – – stability, 461, 2250, 3238, 5289
– fluoride, conductometric (*s*), 3405, 3420
– – lanthanum fluoride, conductometric (*s*), 3405
– – potassium fluoride, conductometric (*s*), 3405
– hydroxide, conductometric, 3432
– – potentiometric, 3187
– metaphosphate, conductometric (*l*), 602
– nitrate sodium nitrate, solvent (for) potentiometry (*l*), 3226
– perchlorate, conductometric, 2395
– – polarographic, voltammetric, 4017
– sulfate, conductometric, 870
– – membrane electrode (for) potentiometry, 3168, 3216
– – – – voltammetric, 2941
– – – rectifier characteristics, 5974
– – zeta electric tension, 870
Base(s), *see also* Basicity
– potentiometric, 1393
– potentiophotometric, 5218
– organic, potentiometric, 3331, 3336
– polyfunctional, neutralization, potentiometric, 3834
Basicity, potentiometric, 1267, 1443
– (in) sea water, potentiometric, 484
Batteries, analogue, 2870
– aprotic high-energy, cathode reactants (for), 1841
– pulse charging, computerization, 3872
– (*l*), review, 908
– storage, discharge, theory, 971
Beauvericin, complexes, conductometric, 5489
Beer, carbon dioxide (in), 1970, 5529
– disulfide(s) (in), 2212
– oxygen (in), 1970
– sulfhydryl(s) (in), 2212
Bentonite membrane, mobility (through), 4795
Benzalacetone, *see* Acetone benzal–
Benzaldehyde, amperometric, 5203
Benzaldehyde, anodic behavior, 3525
– cathodic behavior, polarographic, 2082, 3828, 5153
– potentiometric, 4336
– voltammetric, 2082
– aminals, basicity, potentiometric, 5442
– dimethylamino–, cathodic behavior, chronopotentiometric, 3756
– – aminals, basicity, potentiometric, 5442
– diphenyl– hydrazone, anodic substitution, electrolytic, voltammetric, 5066
– ethoxy–, potentiometric, 4336
– methoxy–, *see* Anisaldehyde
– nitro–, reaction (with) potassium permanganate, potentiometric, 5441
– *iso*–propyl–, potentiometric, 4336
– Schiff base(s), cathodic behavior, coulometric, electrolytic, polarographic, 4546
Benzaldoxime pentachloro–, polarographic, 5162
Benzamide benzenesulfonylthio–, complexes, amperometric, 2210
– derivatives, polarographic, 354
– thiosemicarbazide hydroxy–, complexes, conductometric, 5506
Benzanilide, derivatives, anodic behavior, electrolytic, pyridination, voltammetric, 5067
Benzanthracene, *see also* Benzophenanthrene, *see also* Chrysene, *see also* Naphthacene
– electrochemiluminescence, 5875
Benzcatechol, electrophoretic, 1401
– solvent (for) polarography, 1168
– complexes, potentiometric, 1401
– sulfonic acid, electrophoretic, 1401
Benzdihydrothiophene dioxide, electrosynthesis, 5638
Benzedrine, *see* Amphetamine
Benzene, adsorption (on) mercury dropping, 1769
– – – platinum, 805, 1770, 3734
– catalytic oxidation, potentiometric, 2785
– cathodic behavior, 1769, 2489
– conductometric, 2433
– electrolytic, fluorination, 713
– isotope exchange reactions, 2489
– polarographic, 1769
– protonation, 2433
– radicals, short-lived, cathodic behavior, polarographic, 2171
– solvent (for) conductometry, 614, 658, 1498, 1538, 3349, 3462, 4384
– – – coulometry, 219
– – – electrolysis, 219, 5634
– – – electrophoresis, 5689
– – – polarography, 3035, 3060, 3127, 4082, 4088, 5150
– – potentiometry, 538, 575, 583, 2230, 3334, 3349, 5410, 5427
– – – voltammetry, 201, 219, 3824, 4978
– water (in), 1607
– acetyl–, *see* Acetophenone
– amino–, *see* Aniline
– bromo–, relaxation current, 1106

Benzene bromo–, voltammetric, 1108
– chloro–, relaxation current, 1106
– – solvent (for) conductometry, 658, 1528
– – voltammetric, 1106
– – derivatives, voltammetric, 4015
– complexes, anodic behavior, 3969
– – coulometric, electrolytic, polarographic, 3089
– – voltammetric, 3969
– derivatives, electrolytic, fluorination, 713
– diamino–, anodic behavior, 4572
– – polarographic, 328
– – potentiometric, 569
– – voltammetric, 249
– – complexes, conductometric, 3462
– – – polarographic, 4072
– – derivatives, anodic behavior, electrolytic, voltammetric, 4548
– dibenzoyl–, cathodic behavior, electrolytic, 4550
– dibromo–, polarographic, 5086
– dicarboxylic acid, *see also* Phthalic acid, *see also* *iso*–Phthalic acid, *see also* Terephthalic acid
– – – ionization, potentiometric, thermodynamics, 4320
– dichloro–, solvent (for) conductometry, 3411
– dihydroxy–, *see also* Catechol, *see also* Hydroquinone, *see also* Protocatechuic acid, *see also* Pyrocatechol, *see also* Resorcinol
– diimine, complexes, voltammetric, 3990
– diiodo–, polarographic, 5086
– dimethoxy–, *see also* Hydroquinone dimethyl ether, *see also* Resorcinol, dimethyl ether, *see also* Veratrole
– – electrolytic, methoxylation, voltammetric, 1108
– dimethyl–, *see also* Xylene
– dimethyldiamino–, anodic behavior, 1831, 3016
– – spectroelectrochemistry, 1831
– – sulfonation, voltammetric, 3016
– dinitro–, polarographic, 3116
– diphenyl–, *see* Terphenyl
– distyryl–, cathodic behavior, polarographic, 4090
– disulfonate dihydroxy–, complexes, potentiometric, 4236
– ethyl–, oxidation, 4031
– halonitro–, derivatives, cathodic behavior, 2172, 3777
– – – dehalogenation, electrolytic, polarographic, 2172
– hexacarboxylic acid, ionization, potentiometric, thermodynamics, 1463, 4320
– methoxy–, *see* Anisole
– nitro–, cathodic behavior, 2097, 2173, 3765, 4053
– – electrolytic, 2173
– – galvanostatic, 3765
– – polarographic, 1207, 2097, 2173, 4053
– – potentiostatic, 3765
Benzene nitro–, reaction (with) ammonium, (with) lithium (I), (with) potassium (I), (with) sodium (I), (with) water, polarographic, 2097
– – solvent (for) conductometry, 658, 1514, 1528, 1530, 3411, 5519, 5528, 5562
– – – – coulometry, 245
– – – – impedance measurements, 842
– – – – potentiometry, 425
– – – – voltammetry, 245, 3013, 3094
– – derivatives, cathodic behavior, 1208
– – – electrosynthesis, 3777
– – – polarographic, 1208, 3115
– – substituted, cathodic behavior, 5133
– – – conductometric, 660
– – – polarographic, 5133
– – – protonation, 660
– nitroso–, reaction (with) hydroxylamine phenyl–, voltammetric, 1107
– pentamethyl–, anodic behavior, electrolytic, 714
– sulfonate, electrode, selective, potentiometric, 568
– sulfonic acid nitro–, cathodic behavior, voltammetric, 255
– sulfonyl cyanide, cathodic behavior, polarographic, 3117
– – – derivatives, cathodic behavior, polarographic, 3117
– tetracarboxylic acid(s), *see also* Pyromellitic acid,
– – – ionization, potentiometric, thermodynamics, 1463, 4320
– tetramethyl–, anodic behavior, electrolytic, 714
– – tetramethyldiamino–, electrochemiluminescence, 5875
– – electron transfer, thermodynamics, 249
– tricarboxylic acid, *see also* Trimellitic acid
– – – ionization, potentiometric, thermodynamics, 1463, 4320
– trihydroxy–, *see also* Pyrogallol, *see also* Mesitylene
– trinitro–, polarographic, 2201
– – triazide, polarographic, 2201
– triphenyldiamino–, anodic behavior, electrolytic, 3524
– tristyryl–, cathodic behavior, polarographic, 4090
– vinyl–, *see also* Styrene
Benzhydryl toluyl ketone, electrolytic, fluorination, 716
Benzidine, *see also* Diphenyl diamino–
– polarographic, 257
– potentiometric, 569, 3331
– rearrangement, voltammetric, 257
– complexes, conductometric, 5553
– derivatives, electrosynthesis, 5625
Benzil dioxime, amperometric, 4122
Benzilidene, derivatives, voltammetric, 3015
Benzimidazole, *see also* Benzodiazole, *see also* Imidazole
– corrosion inhibitor, 5947

Benzimidazole carbaldoxime, derivatives, ionization, potentiometric, tautomerism, 4364
– derivatives, potentiometric, 2889
– thiol, corrosion inhibitor, 5947
Benzoarsenious oxide, ionization, potentiometric, 4179
– – complexes, potentiometric, stability, 4179
Benzoate, ionization, 4312
– mass transport, 3818
– potentiometric, 4312
– acyl–, acylalkyl–, radicals, electrolytic, 3527
– bromo–, ionization, potentiometric, 4312
– complexes, potentiometric, stability, 3225
– derivatives, electrophoretic, 2522
– – dinitro–, ionization, potentiometric, 4312
– iodo–, electrophoretic, 747
– sulfonamido–, complexes, coulometric, polarographic, 3063
Benzocain, coulometric, potentiometric, 4574
Benzocyclobutadiene, electrogeneration, electrolytic, polarographic, voltammetric, 243
Benzocyclobutene, electrolytic, 243
– dibromo–, cathodic behavior, polarographic, voltammetric, 243
Benzodiazepine, electrophoretic, 5708
– polarographic, 378, 2194
– metabolites, polarographic, 4104
Benzodiazole, *see also* Benzimidazole, *see also* Imidazole
Benzodioxane, electrolytic, methoxylation, voltammetric, 1108
Benzofuryl phenyl ketoxime, complexes, conductometric, potentiometric, stability, 443
Benzohydroxamic acid, ionization, potentiometric, 545
– – complexes, potentiometric, stability, 545
– – phenyl–, derivatives, ionization, potentiometric, 4339
Benzoic acid, acidity, 2356
– – adsorption (on) bismuth, 813
– – cathodic behavior, 4005
– – corrosion inhibitor, 5959
– – electrolytic, 4004
– – ionization, 2369
– – potentiometric, 578, 2356, 2369, 2370, 3337, 5384
– – thermodynamics, 2369
– – voltammetric, 4004
– – amino–, *see also* Anthranilic acid
– – benzoyl–, *see* Benzophenone carboxylic acid
– – carboranyl–, ionization, potentiometric, 579
– – chloro–, ionization, potentiometric, 1460
– – complexes, polarographic, 3068
– – copolymers, potentiometric, 1450
– – derivatives, activity, 5426
– – – ionization, 1460
– – – potentiometric, 1460, 5426
– – – solvation, 5426
Benzoic acid dinitro–, ionization, potentiometric, 1460
– – hydroxy–, *see also* Salicylic acid
– – lithium benzoate, buffer, 4137, 5229
– – mercapto–, *see* Salicylic acid thio–
– – nitro–, ionization, 1460
– – – potentiometric, 578, 1460, 2370
– – pentafluoro–, adsorption (on) bismuth, 813
Benzoin desoxy–, derivatives, cathodic behavior, polarographic, 347
Benzonitrile, conductometric, 3411
– solvent (for) coulometry, 232, 245
– – – electrolysis, 2485, 5657
– – – polarography, 3036, 3944
– – – voltammetry, 232, 233, 245, 3013, 3094, 3940
– complexes, conductometric, 4433
– derivatives, polarographic, 340
– fluoro–, cathodic behavior, 4890, 5657
– – chronoamperometric, 4890
– – electrolytic, 5657
– – radical anion, electrochemical behavior, 5657
– hydroxyiodo–, (in) dairy products, (in) milk, polarographic, 1210
Benzophenanthrene, *see also* Benzanthracene, *see also* Chrysene
Benzophenone, cathodic behavior, 2082, 3019, 4093
– coulometric, 2082
– polarographic, 2082, 3116, 4093
– radicals, photopolarographic, 2910, 3784
– voltammetric, 2082, 3019
– carboxy–, derivatives, cathodic behavior, polarographic, 349
– carboxylate(s), cathodic behavior, polarographic, 2179
– complexes, anodic behavior, 3969
– – coulometric, electrolytic, polarographic, 3089
– – voltammetric, 3969
– phenyl–, cathodic behavior, coulometric, polarographic, voltammetric, 2082
Benzopyrrole, *see also* Indole
Benzoquinone, *see also* Quinone
– cathodic behavior, 4092, 5073
– polarographic, 3116, 4092
– voltammetric, 1116, 5073
– dichlorodihydroxy–, polarographic, potentiometric, protolysis, 350
– dihydroxy–, complexes, conductometric, 5553
– methyl–, *see* Toluoquinone
– sulfonate, polarographic, 2177
– tetrachloro–, conductometric, 5567
– – complexes, conductometric, 3462
Benzothiadiazole hydroxy–, derivatives, complexes, polarographic, 4035
Benzothiazide, potentiometric, 3337
Benzothiazole, derivatives, potentiometric, 3357
– mercapto–, conductometric, 2416

Benzothiazole sulfenamide, derivatives, amperometric, 2219
– thiol, corrosion inhibitor, 5947
Benzothiazoline thione, coulometric, 4571
Benzothiophene dihydro–, electrolytic, 3529
Benzotriazole, adsorption (on) mercury dropping, 4025
– amperometric, 2216
– corrosion inhibitor, 1035, 4025, 5885, 5947
– – – review, 4809
– voltammetric, 1035
Benzotrifluorides, substituted, cathodic behavior, electrolytic, voltammetric, 2490
Benzoxazole mercapto–, potentiometric, 5429
– thiol, corrosion inhibitor, 5947
Benzoylacetone, *see* Acetone benzoyl–
Benzoyl peroxide, amperometric, 2217
– – conductometric, 659
– – coulometric, 4569
Benzyl radicals, anodic behavior, cathodic behavior, photopolarographic, voltammetric, 3784
– acetate methoxycarbonyl–, cathodic behavior, electrolytic, voltammetric, 2490
– alcohol, *see* Toluene hydroxy–
– amine, *see* Toluene amino–
– bisthiosemicarbazone, complexes, cathodic behavior, polarographic, 4034
Benzyldimethylamine, conductometric, 3411
– derivatives, basicity, potentiometric, 1468
Benzylmethoxycarbonyl methyl ether, cathodic behavior, electrolytic, voltammetric, 2490
Benzyl phenyl ketone bromo–, cathodic behavior, electrolytic, 4546
– thiocyanate, reaction (with) butylamine, (with) dibutylamine, (with) diethylamine, (with) piperidine, (with) propyleneamine, potentiometric, 4313
Berkelium, redox behavior, theory, 3230
Beryllium, adsorption (on), 2499
– anodic behavior, 2939, 3934
– cathodic behavior (*l*), 160
– electrode, anodic behavior, 4774
– – deaquation overtension, 906
– (II), hydrolysis, 2264
– – polarographic, 283, 3054
– – potentiometric, 2264
– voltammetric, 2939, 3934 ; (*l*) 160
– chloride, activity (*l*), 4974
– – decomposition electric tension (*l*), 5285
– – potentiometric (*l*), 4974, 5285
– – thermodynamics, voltammetric (*l*), 4974
– – sodium chloride, solvent (for) voltammetry (*l*), 4974
– (II) complexes, conductometric, 5511
– – – potentiometric, stability, 453, 1317, 2265, 3231, 4198, 4199
– fluoride lithium fluoride, potentiometric (*s*), 4147
– – – – sodium fluoride, solvent (for) chronopotentiometry (*l*), 2728
– – – – zirconium fluoride, solvent (for) chronoamperometry (*l*), 187
Beryllium fluoride lithium fluoride zirconium fluoride, solvent (for) chronopotentiometry, potentiometry (*l*), 187, 5405
– – – – – – – – voltammetry (*l*), 187, 5021, 5405
– nickel, phase separation, electrochemical, 850
Biferrocene, *see* Diferrocene
Bilirubin, cathodic behavior, coulometric, voltammetric, 4011
Billiter electric tension, theory, 4832
Biotin, *see also* Vitamin H
– cathodic behavior, polarographic, 2195
Biphenyl, *see* Diphenyl
Bipyridine, *see* Dipyridine
Bipyridyl, *see* Dipyridyl
Bis(azobenzene), derivatives, cathodic behavior, polarographic, 2174, 2175
Bis(diaminopropane), complexes, conductometric, 4404
Bis(diethylene diamine), complexes, conductometric, 4404
Bis(diphenylarsine), derivatives, complexes, conductometric, 5558
Bisdiphenylchromium (I) electrode, reference (for) polarography, 3087
Bisdiphenylene allylphenyl–, derivatives, radicals, conductometric (*s*), 2437
Bisdiphenylphosphinoethylene, complexes, conductometric, 4443
Bis(ethylene diamine), complexes, conductometric, 4404
Bis(hydroxymethyl)alanine, ionization, potentiometric, 1301
– complexes, potentiometric, stability, 1301
Bis(methoxyphenyl) methane, anodic behavior, cyclization intramolecular, electrolytic, voltammetric, 5048
Bis(methylenephosphonic acid), derivatives, ionization, potentiometric, 4323
Bis(tetramethylene diamine), complexes, conductometric, 4404
Bismuth, adsorption (on), 65, 798, 813, 1982, 2711, 3857, 4710, 5824 ; (*l*) 4732
– amperometric, 1245
– (III), amperometric, 989
– anodic behavior, 839, 2017
– (in) blood, stripping, 1998
– (III), cathodic behavior, 2099, 2465, 3042, 3076, 3077, 4025, 4026, 4027 ; (*l*) 2035
– – chromatoamperometric, 989 ; (*l*) 2035
– chronopotentiometric, 826
– (III), chronopotentiometric (*l*), 825
– corrosion, 2926
– (III), coulometric, 3536
– electrocapillarity (*l*), 2732
– electrocrystallization, 689
– electrode, capacitance, 813
– – – differential, 65, 798, 1772, 2711, 3744, 3857, 5824
– – double layer, 2711, 3744
– – – – review, 5847
– – impedance, 4772
– – overtension (on), 127, 1982

Bismuth, electrode, (for) potentiometry, 4265, 4266
– electrodeposition, 1913, 2752
– electrodiffusion (*l*), 5879
– (III), electrodiffusion (*l*), 825
– – electrogeneration, 3544
– electrogravimetric, 1913
– electrolytic, 689, 5594
– (III), electrolytic, 1654, 2465
– – electrophoretic, 3561, 5688
– galvanostatic, 839
– (III), hydrolysis, 195, 1060, 3561
– hydrophilicity, 3857
– (in) marine organisms, stripping, 2034
– polarographic, 276, 303, 4018
– (III), polarographic, 195, 1060, 2099, 2831, 3042, 3076, 3077, 3078, 4025, 4026, 4027
– – potentiometric, 1375, 2302, 3281
– redox behavior, theory, 3230
– (in) sea water, stripping, 192, 2034
– silver (in), 3214
– stripping, 149, 1032, 1993, 2928
– trace analysis, 149, 192, 276, 303, 1032, 3544, 3823, 4018
– voltammetric, 2017, 2926, 2928, 3823, 4963
– (III), voltammetric, 149, 195, 2932, 4985 ; (*l*) 2035
– zero charge point, 1772, 3744, 3857, 4963, 5918 ; (*l*) 2732
– amalgam, electrode (for) potentiometry, 4265, 4266
– – bismuth (III) hydroxide, formal electric tension, 3077
– antimony, electrodeposition, 2451
– – thallium, potentiometric, thermodynamics (*l*), 2279
– cadmium, potentiometric, thermodynamics (*s*), 1331
– (III) chloride, cathodic behavior (*l*), 2024
– – – conductometric, 4427
– – – voltammetric (*l*), 2024
– complexes, polarographic, 5093
– (III), complexes, polarographic, 2876, 3047
– – – potentiometric, 1375
– – – voltammetric, 2876
– compounds, cathodic behavior, voltammetric, 4966
– copper, electrodeposition, 2451
– ferrites, conductometric (*s*), 648
– hydride, voltammetric, 4966
– (III) hydroxide bismuth amalgam, formal electric tension, 3077
– indium, activity, electric tension, potentiometric (*l*), 5305
– (III) iodide, potentiometric, 2306
– lead, activity (*l*), 1365
– – corrosion, 2926
– – enrichment, electrolytic (*l*), 4504
– – potentiometric (*l*), 491, 1365, 3269
– – voltammetric, 2926
– – thermodynamics (*l*), 491, 3269
– lithium, electrode, 4147
– – potentiometric, thermodynamics (*l*), 2235
– organoderivatives, polarographic, 4028
Bismut organoderivatives, complexes, conductometric, 5536
– (III) oxide, (in) catethers, polarographic, 3078
– (V) oxide, electrode (for) amperometry, 5195
– (III) oxide, potentiometric, thermodynamics (*s*), 3282
– – – iron (III) oxide, conductometric (*s*), 648
– selenide, conductometric, 1534
– – electrodeposition, 5612
– sodium, potentiometric, thermodynamics (*l*), 2238
– tin, electrodeposition, 1577
– – (II) chloride interface, impedance (*l*), 4772
Bis(phenazine dioxide) radicals, electrolytic, 5660
Bisquinoxaline dithiol, complexes, conductometric (*s*), 623
Bitumen, acidity (in), 2320
Biuret, (in) urea, amperometric, 4125
– complexes, polarographic, thermodynamics, 1137
Blood, amidopyrine (in), ascorbic acid (in), 5077
– bismuth (in), 1998
– chloride (in), 5392
– chlorpromazine (in), 5077
– copper (in), 1998, 3194
– diethazine (in), Dopa (in), Dopa methyl– (in), drugs (in), 5077
– iodine (in), 2516
– lead (in), 2953, 2954, 3958, 5116
– kidney, voltammetric *in vivo*, 264
– nitrogen (in), 4562
– oxygen (in), 2042, 2506, 2883, 4767, 5122, 5613
– potassium (in), 1291
– *iso*–prenaline (in), promethazine (in), 5077
– serum, voltammetric *in vivo*, 264, 1121
– sodium (in), 2239, 5233
– urea (in), 1466
Blue FGL, GRL, electrophoretic, 3573
Bluensomycin, electrophoretic, 2531
Bone(s), cobalt (in), copper (in), 5092
Boranes, potentiometric, 5308
Borate(s), solvent (for) impedance measurements (*l*), 4706
– complexes, electrophoretic, 5693
– potentiometric, stability, 5417
– mannitol, potentiometric, 472
– tetrafluoro–, *see* Tetrafluoroborate
Boric acid, ionization, 471, 4220, 4221
– – potentiometric, 2843, 4220
– – (in) sea water, potentiometric, 471
– – complexes, potentiometric, 1340, 2272, 3422
– – – stability, 1340, 2272
– – glycerol, buffer (for) electrophoresis, 2423
Borneol, adsorption (on) cadmium amalgam dropping, 5838

iso–Borneol, adsorption (on) cadmium amalgam, dropping, 5838
Borneol, adsorption (on) mercury dropping, polarographic, 5837
Bornite, potentiometric, sulfur fugacity (in), 1384
Boron, (in) aluminum oxide boron carbide, potentiometric, 469
– electrodeposition (*l*), 2457
– (III), electrolytic (*l*), 2457
– – potentiometric, 470
– carbide, potentiometric, 470
– – aluminum oxide, boron (in), 469
– fluoride, complexes, potentiometric, 3248
– heteropolyacids, electrolytic, polarographic, 3041
– hydride, hydrolysis, polarographic, 2453
– nickel, electrolytic, 681
– oxide lead (II) oxide, potentiometric, thermodynamics (*s*), 4219
– organoderivatives, adsorption, theory, 3855
– – amperometric, 382
Borosolicate(s), solvent (for) impedance measurements (*l*), 4706
Bothrops atrox venom, coagulant activity, electrophoretic, 1704
Boundary diffusion, theory 1873
– moving detector, 998
Brain tissue(s), rat, redox electric tension, 5474
Brandy, oxygen (in), 1067
Brass(es), corrosion, 5946
– dezincification, potentiostatic, 5973
Britton Robinson buffer, solvent (for) polarography, 360, 4097
Bromate, cathodic behavior, 5134
– chemical oscillation reactions, 3341
– electrophoretic, 3562
– polarographic, 5134
– potentiometric, 1352, 2333
– reaction (with) cerium (IV), potentiometric, 3261
– – – phosphine, potentiometric, 503
Bromide, adsorption (on) bismuth, 798, 1982
– – – gold, 1078
– – – iridium, 1588
– – – mercury, 311, 795, 805, 3721
– – – – dropping, 2147
– – – nickel, 1983, 2702
– – – platinum, 1078, 4887
– – – silver, 1078
– anodic behavior, 194, 212, 3094
– association, 3398
– conductometric, 1488, 3398
– (in) drugs, potentiometric, 1417
– electrocatalytic, 5671
– electrode, selective, 502, 1297, 3278, 4264
– – – review, 5381
– – – temperature coefficient, 431
– electromigration (*l*), 4379
– electrophoretic, 744
– galvanostatic, 4957
– mobility, 744
– (in) pharmaceuticals, potentiometric, 1417
Bromide, polarographic, 311, 2147, 4957
– potentiometric, 1297, 1422, 2255, 2256, 2260, 2271, 2327, 2328, 3216, 4187, 5388
– – review, 5381
– solvation, 1488
– stripping, 4957
– transport, 842, 4957
– (in) vegetable oils, potentiometric, 2334
– voltammetric, 194, 211, 212, 1078, 2973, 3094 ; (*l*) 2026
– (in) water, potentiometric, 5394
– bromine equilibrium, potentiometric, 1419
– – voltammetric, 214
– complexes, potentiometric (*l*), 3226, 5302
Bromine, adsorption (on) carbon, 1054
– anodic behavior, 1079
– coulometric, 4931
– electrogeneration, 211, 728, 3500, 3547, 4563
– (in) organoderivatives, potentiometric, 2256, 2382, 3896
– reaction (with) formate, potentiometric, 3314
– solvent (for) conductometry, 4439
– voltammetric, 728, 1079
– bromide equilibrium, potentiometric, 1419
– – voltammetric, 214
– carbon electrode, 1054, 3270, 5899
– cyanide, amperometric, 2205
– complexes, conductometric, 3436
– fluoride, conductometric, 4438, 5547
– graphite electrode, 5899
– lithium fuel cell, 5935
Bromite, cathodic behavior, electrolytic, polarographic, 1171
– potentiometric, 2333
Bromural, polarographic, 4106
Brucine, potentiometric, 3336
Buffer(s), 360, 412, 561, 1449, 1499, 2523, 2855, 2856, 3235, 4097, 4137, 4140, 4220, 4221, 5229
Bullfrog atrial tabercula membrane, voltammetric, 4014
Butadiene, adsorption (on) platinum platinized, 2706
– anodic behavior, 5645
– aroyloxidation, 235
– electrolytic, 5645
– voltammetric, 235
– hexachloro–, (in) air, polarographic, 5146
– methyl–, *see also* Isoprene
Butanal, amperometric, 5203
iso–Butanal, amperometric, 5203
Butanal, cathodic behavior, hydration, polarographic, 1190
iso–Butanal, cathodic behavior, hydration, polarographic, 1190
Butanal bisthiosemicarbazone, complexes, coulometric, polarographic, voltammetric, 154
– ethyl–, cathodic behavior, hydration, polarographic, 1190
Butane amino–, *see* Butylamine
– bromo–, *see* Butyl bromide

Butane dibromo–, *see also* Tetramethylene dibromide
– – cathodic behavior, 702
– dithiol, electrolytic, fluorination, 3514
– iodo–, *see also* Butyl iodide
iso–Butane nitro–, cathodic behavior, voltammetric, 5050
Butane thiol, potentiometric, 5429
– tetracarboxylic acid, ionization, potentiometric, thermodynamics, 1463, 4320
Butanedioic acid, *see also* Succinic acid
Butanedione, *see also* Dimethylglyoxal
Butanoate hydroxy–, complexes, potentiometric, stability, 463
iso–Butanoate hydroxy–, complexes, potentiometric, stability, 3277
Butanoate oxo–, electrolytic, 5651
Butanoic acid, adsorption (on) bismuth (*l*), 4732
– – – – mercury dropping, 5835
– – – – platinum, 810
iso–Butanoic acid, conductometric, 4448, 4449
n–Butanoic acid, conductometric, dimerization 3455
Butanoic acid, electrosynthesis, 708
– – ionization, potentiometric, 4256
– – reaction (with) pyridine derivatives, conductometric, 3456
– – solvent (for) conductometry, (for) potentiometry, 1430
– – amino-, complexes, potentiometric, 3213, 5354
– – – – stability, thermodynamics, 3213
– – – derivatives, electrosynthesis, 2483
– – complexes, cathodic behavior, 4075
– – – polarographic, 1141, 1150, 4075
– – – potentiometric, 4256
– – – stability, 1150, 4256
– – glycylamino–, complexes, potentiometric, thermodynamic, 1302
– – hydroxy–, complexes, polarographic, stability, 38, 287
– – – lactone, solvent (for) conductometry, 5487
– – – – – – coulometry, 2969
– – – – – – electrochemistry, 671
– – – – – – polarography, 5487
– – – – – – voltammetry, 2935, 2969
– – – – derivatives, electrosynthesis, 2483
iso–Butanoic acid nitrile, solvent (for) coulometry, 245
Butanoic acid nitrile, solvent (for) voltammetry, 245, 5074
iso–Butanoic acid nitrile, solvent (for) voltammetry, 245
Butanoic acid oxo–, derivatives, potentiometric, 557
– – thio–, adsorption (on) copper, 3479
Butanol, adsorption (on) copper, 1757, 1758
– – – mercury, 795
– – – – dropping, 2141, 3079
n–Butanol, adsorption (on) tin, 3729
Butanol, anodic behavior, 236, 4537
iso–Butanol, anodic behavior, 236, 237, 3512
– cathodic behavior, 3512
Butanol, chronofaradometric, 1757
n–Butanol, conductometric, ultrasounds effect (on), 552
tert–Butanol, conductometric, ultrasounds effect (on), 552
Butanol, electrolytic, 4537
n–Butanol membrane electrode, 3187
– – electric tension, 4361
tert–Butanol, proton diffusion (in), chronoamperometric, 4747
– radicals, short–lived, cathodic behavior, polarographic, 2171
– solvent (for) amperometry, 2217
Butanol, solvent (for) capacitance measurements, 795
– – – conductometry, 1495, 1496, 2411, 5493
iso–Butanol, solvent (for) conductometry, 642, 2411
n–Butanol, solvent (for) conductometry, 601, 642, 1501, 1514
tert–Butanol, solvent (for) conductometry, 601, 2392, 2393
Butanol, solvent (for) electrocapillarity measurements, 795
iso–Butanol, solvent (for) electrophoresis, 5703
Butanol, solvent (for) potentiometry, 583, 1339, 1458, 2356
iso–Butanol, solvent (for) potentiometry, 504, 505
tert–Butanol, solvent (for) potentiometry, 2318, 3978, 5228, 5279
Butanol, solvent (for) voltammetry, 3923
tert–Butanol, solvent (for) voltammetry, 3978
Butanol, voltammetric, 236
iso–Butanol, voltammetric, 236, 237
Butanol ethyl–, methyl–, polarographic, 3107
– nitro–, polarographic, 4081
Butanone, adsorption (on) mercury dropping, 3732
– – – lithium amalgam, (on) sodium amalgam, 1762
– anodic behavior, electrolytic, 3108
– polarographic, 324, 3108
– solvent (for) conductometry, 1488, 3411, 5503
– – – potentiometry, 504, 2306, 3339, 4316
– complexes, conductometric, 1535
– hydrazone, polarographic, 1193
– hydroxychlorophenyl–, ionization, potentiometric, 5260
– hydroxyphenyl–, complexes, potentiometric, stability, 3198
– – derivatives, complexes, potentiometric, stability, 3199
– hydroxymethylphenyl–, complexes, potentiometric, stability, 3198
– oxime hydroxyphenyl–, complexes, potentiometric, stability, 3199
Butenal, polarographic, 3107
Butenedioic acid, *see* Fumaric acid, *see* Maleic acid

Butenediol, *see also* Vinyl ethylene glycol
– cathodic behavior, hydrogenation, 4787
Butenoic acid, *see also* Acetic acid vinyl–, *see also* Crotonic acid, *see also* *iso*–Crotonic acid
– – cathodic behavior, 709
– – electrolytic, hydrogenation, voltammetric, 3001
– – nitrile, cathodic behavior, polarographic, 1199
Butenyl phenyl sulfide, electrolytic, 2480
Butyl acetate, complexes, conductometric, 1532
Butylamine, *see also* Butane amino–
– coulometric, 4570
– potentiometric, 1448, 3331
– reaction (with) benzyl thiocyanate, potentiometric, 4313
– complexes, conductometric, 1529
– – potentiometric, stability, 3197
Butyl bromide, *see also* Butane bromo–
– – cathodic behavior, 4080, 5642
– – electrolytic, 5642
– – polarographic, 4080
– ether, complexes, conductometric, 1533
tert-Butyl hydroperoxide, amperometric, 2217
Butyl hydroperoxide, coulometric, 4569
– iodide, *see also* Butane iodo–
n–Butyl iodide, association, 3398
Butyl iodide, cathodic behavior, 3510, 4535
iso–Butyl iodide, cathodic behavior, 4535
n–Butyl iodide, conductometric, 3398
Butyl iodide, electrolytic, 3510, 4535
iso–Butyl iodide, electrolytic, 3510, 4535
Butyl iodide, reaction (with) arsine oxide alkyl–, potentiometric, 1444
– maleate, potentiometric, 4311
– methyl ketone, *see* Hexanone
– perbenzoate, peroxide, coulometric, 4569
Butylene glycol dithiophosphoric acid, ionization, potentiometric, 5410
– – – – complexes, potentiometric, stability, 5410
Butynediol, cathodic behavior, electrolytic, hydrogenation, 4787
Butynol, cathodic behavior, electrolytic, hydrogenation, 3513
Butyraldehyde, *see* Butanal
Butyric acid, *see* Butanoic acid
Butyrolactam, *see* Pyrrolidone
Butyrolactone, *see* Butanoic acid hydroxylactone
Butyronitrile, *see* Butanoic acid nitrile
Butyrophenone, *see* Butanone phenyl–

Cadaverine, soybean, electrophoretic, 757
Cadmium, adsorption (on), 1569, 1767, 2010, 2710, 2712, 2715, 3857
– (II), adsorption (on) nickel, 2693
– adsorption (on) platinum platinized, 1742
– (in) aerosols, stripping, 4979
– – aluminum, voltammetric, 2929
– (II), amperometric, 3154, 3829
Cadmium, anodic behavior, 136, 847, 1899, 2009, 2943, 3923, 3937, 4980, 5838, 5951 ; (*l*) 2930
– (in) biological systems, stripping, 1034
– cathodic behavior, 5857
– (II), cathodic behavior, 281, 2010, 2099, 2105, 2710, 2724, 2944, 3058, 3940, 4025, 4026, 4027, 4856, 4980, 5103, 5838 ; (*l*) 151, 4856
– chronoamperometric, 5857
– (II), chronoamperometric, 2944, 3058
– – chronocoulometric, 281
– chronopotentiometric, 826
– (II), chronopotentiometric, 2729, 3058 ; (*l*) 825
– corrosion, 5951 ; (*l*) 2930
– – inhibition, 2779
– coulometric, 92, 2009
– (II), diffusion, 749, 2728 ; (*l*) 825
– electric tension *vs.* pH diagram, 1332
– electrocrystallization, 1569, 2710, 5602, 5872
– electrode, anodic behavior, 2715, 4775
– – capacitance differential, 1772, 2712, 3857
– – coulometric, 4560
– – double layer, review, 5847
– (II) electrode, non–aqueous, S.E.T., 4173
– electrode, oxidized, 5857
– – reactions (on), review, 4805
– – redox, polarization, electrothermographic, 1823
– (II) electrode, selective, 466, 1297
– – – – flow–through, 105
– electrolytic, 4494
– (II), electrolytic, 1564, 2455
– – electromigration, 749
– – electron transfer, 2748
– electron work function, 3867
– (II), electrophoretic, 3560, 5688
– electrorefining, 4494
– (in) food, polarographic, 3057
– (in) fuels, stripping, 1995
– hydrophilicity, 3857
– (in) milk, polarographic, 5088
– – – stripping, 4981
– (II), mobility, 742
– passivated, cathodic behavior, 847
– (in) plants, stripping, 1996
– polarographic, 275, 276, 987, 1899, 2101, 4018, 5102
– (II), polarographic, 98, 280, 281, 285, 1143, 1144, 2099, 2105, 2831, 3058, 4023, 4025, 4026, 4027, 5098, 5103
– potentiodynamic, 5857
– (II), potentiometric, 105, 1297, 1302, 3195
– potentiostatic, 5857
– (in) sewages, stripping, 3924
– (in) silver halide(s), polarographic, 4022
– stripping, 25, 136, 149, 1031, 1032, 2008
– – review, 2007
– trace analysis, 149, 276, 987, 1031, 1032, 2101, 4018, 4022
– voltammetric, 25, 92, 907, 2009, 2943, 3923, 3937, 4963, 4980 ; (*l*) 1045

Cadmium (II), voltammetric, 149, 2878, 2922, 2932, 2944, 3920, 3940; (*l*) 151, 2942
– (in) waste water, polarographic, 2106
– – water, polarographic, 1033, 4019
– – – potentiometric, 4211
– – – stripping, 2007
– zero charge point, 1772, 3857, 4963
– amalgam, anodic behavior, chronopotentiometric, 827
– – dropping, adsorption (on), 5838
– – electrode, S.E.T., 465
– antimonide, electrodeposition, 2455
– bismuth, potentiometric, thermodynamics (*s*), 1331
– bromide, association, 3242
– – ionization, 2269
– – potentiometric, 2269, 2270
– – solubility, 2270
– – thermodynamics, 2269
– – calcium bromide, conductometric (*l*), 3407
– – – chloride, conductometric (*l*), 3407
– carbonate, chronopotentiometric, solubility, 2730
– chloride, ionization, 2268
– – potentiometric, 1333, 2268
– – reaction (with) zinc (II), potentiometric, 3239
– – thermodynamics, 2268
– – calcium bromide, conductometric (*l*), 3407
– – – chloride, conductometric (*l*), 3407
– – complexes, potentiometric, stability, 4212
– – potassium bromide, conductometric (*l*), 3407
– – – chloride, conductometric (*l*), 3407
– (II), complexes, adsorption (on) mercury, 165
– – – association (*l*), 3242
– – – cathodic behavior, 1136, 1145, 2107, 2109, 2114, 3056, 4033, 4034
– – – conductometric, 436, 627, 2415, 4412, 4413
– – – electrophoretic, 1616, 2250, 3558
– – – formation, 439, 2116, 5104, 5263, 5303
– – – hydration (*l*), 3242
– – – polarographic, 286, 287, 288, 289, 1136, 1145, 2107, 2109, 2111, 2114, 2115, 2116, 2117, 3047, 3048, 3056, 4033, 4034, 4035, 4040, 4041, 4213, 4893, 5091, 5093, 5095, 5104, 5105
– – – potentiometric, 436, 439, 464, 467 1315, 1334, 2250, 3203, 3209, 3242, 4175, 4176, 4180, 4184, 4210, 4983, 5104, 5263, 5267, 5289, 5298, 5299, 5302, 5303, 5304
– – – stability, 287, 288, 436, 439, 464, 1046, 1136, 1145, 1301, 1315, 1317, 1334, 2107, 2115, 2117, 2250, 3048, 3203, 3208, 3558, 4040, 4041, 4175, 4176, 4180, 4184, 4210, 4982, 5105, 5289, 5299
– – – thermodynamics, 1302, 2115, 3056, 4041
– – – voltammetric, 165, 1046, 2109, 4982
Cadmium compounds, cathodic behavior, voltammetric, 4966
– copper, electrolytic, 1561
– dithizonate, voltammetric, 4978
– fluoride, cathode (for) batteries, 1842
– – propylene carbonate lithium battery, 1842
– hexacyanoferrate (II), chronopotentiometric, solubility, 2730
– hydride, cathodic behavior, voltammetric, 4966
– hydroxide electrode, porous, galvanostatic, 2811
– iodide indium (I) iodide, conductometric (*l*), 5518
– – mercury (II) iodide, conductometric, 5514
– – zinc (II) iodide, conductometric, 5514
– iron, electrodeposition, 2451
– – nickel, electrodeposition, 5603
– nickel, batteries, 5938
– oxide, cathodic behavior, 2749
– – conductometric, electrocatalyst (*s*), 631
– perchlorate, conductometric, 1520
– – polarographic, voltammetric, 4017
– selenide, chloride (in), 3160
– silver, accumulator(s), 1838
– sodium, electrolytic, thermodynamics (*l*), 4469
– sulfide, anodic dark current, 5929
– – cathodic behavior, 5910
– – conductometric (*s*), 5517
– – electrodeposition, 5604
– – electron tunnelling, 5929
– – electrophoretic, 1618
– – photoelectrochemistry, 5910
– – zeta electric tension, 1618
– telluride, conductometric (*s*), 630
– – electrosynthesis, 2456
– tin, double layer, 3741
Caffeine, voltammetric, 173
Calcium (II), adsorption (on) carbon, 4714
– – – – – platinized, 1743
– – – – hematite, 5402
– anodic behavior, 3937
– (II), cathodic behavior, 272, 3919
– concentration cell(s), 4204
– (II), conductometric (*l*), 3406
– (in) cotton, potentiometric, 1321
– (II), diffusion, 749
– – electrode, selective, 1320, 1323, 1906, 3182, 4202, 5291
– – – – interferences, 2267, 5292
– – – – response time, 4201
– – electrodialytic, 2735
– – electromigration, 749
– electron work function, 3867
– (in) human serum, potentiometric, 3237
– (II), mobility (*i*), 3406
– (in) plants, amperometric, 4116
– (II), polarographic, 272
– – potentiometric, 435, 2266, 3233, 3234, 5291
– (in) serum, potentiometric, 2267, 3236

Calcium, (in) silicate(s), potentiometric, 5311
– – soil, amperometric, 4116
– – – potentiometric, 1322, 5293
– (II), solvation, 2395
– (in) sugar juice, conductometric, 4410
– (II), transport numbers, 2734
– voltammetric, 3937
– (II), voltammetric, 2922, 3919
– (in) waste water, potentiometric, 4150
– (in) water, potentiometric, 3235, 4202
– zero charge point, 3867
– acetate, potentiometric, 3336
– allobarbital, potentiometric, 3336
– bromide, potentiometric, 3242
– – cadmium bromide, conductometric (*l*), 3407
– – – chloride, conductometric (*l*), 3407
– – potassium chloride, conductometric (*l*), 3407
– carbide calcium chloride, electrolyte (for) galvanic cells (*l*), 4204
– carbonate, zeta electric tension, 748
– chloride, activity, 457, 3182
– – conductometric, 2400, 2408 ; (*l*) 3393
– – electrolytic (*l*), 3393
– – potentiometric, 457
– – cadmium bromide, conductometric (*l*), 3407
– – – chloride, conductometric (*l*), 3407
– – calcium carbide, electrolyte (for) galvanic cells (*l*), 4204
– – – molybdate, electrolytic (*l*), 2968
– – lithium chloride, potentiometric (*l*), 3175
– – potassium bromide, conductometric (*l*), 3407
– – – chloride, conductometric (*l*), 3407
– – sodium chloride, conductometric (*l*), 5494
– – – – potentiometric (*l*), 3175
– (II), complexes, coulometric, 5669
– – – electrophoretic, 2250
– – – polarographic, 1137
– – – potentiometric, 458, 459, 460, 1301, 1324, 1326, 2250, 4178, 5268, 5289, 5294
– – – stability, 1301, 1326, 2250, 4178, 5268, 5289, 5294, 5669
– – – thermodynamics, 1137, 4178
– cyclobarbital, potentiometric, 3336
– fluoborate, complexes, conductometric, 3419
– fluoride aluminum fluoride sodium fluoride, solvent (for) conductometry (*l*), 2405
– hydroxide, adsorption (on) mercury, 2692
– lactate, potentiometric, 3336
– lead, anodic behavior, 884
– molybdate calcium chloride, electrolytic (*l*), 2968
– nitrate, conductometric, 1519
– – electroosmotic, 4763
– – solvent (for) chronoamperometry, (for) chronopotentiometry, (for) polarography (*l*), 3058
– – – – potentiometry (*l*), 4192
– – thermopotentiometric, 868
Calcium nitrate, potassium nitrate, solvent (for) chronopotentiometry (*l*), 5863
– – – – – – potentiometry (*l*), 5302
– – sodium nitrate, solvent (for) potentiometry (*l*), 5302
– oxide, conductometric, transport numbers (*s*), 4408
– – aluminum oxide, electrocapillarity (*l*), 831
– – – – magnesium oxide, voltammetric (*l*), 2002
– – – – silicon oxide, potentiometric (*l*), 3178
– – – – – – voltammetric (*l*), 2002
– – – – – – vanadium (V) oxide, conductrometric (*l*), 4407
– – cerium (IV) oxide, conductometric (*s*), 625
– – nickel (II) oxide zirconium oxide, conductometric (*s*), 3418
– – phosphorous (V) oxide, conductometric, potentiometric (*s*), 456
– – scandium oxide zirconium oxide, conductometric (*s*), 4409
– – thorium oxide, conductometric (*s*), 1521
– – zirconium oxide, conductometric (*s*), 625, 4975
– – – – electrolyte (for) galvanic cells (*s*), 5359
– – – – – – potentiometry (*s*), 512
– – – – oxygen transport, potentiometric, voltammetric (*s*), 4975
– pantothenate, potentiometric, 4203
– perchlorate, conductometric, 624, 1520, 2395
– – hydration, 624
– – polarographic, voltammetric, 4017
– phosphate, conductometric, potentiometric (*s*), 456
– poly(methacrylate), ionization, potentiometric, 1325
– stannate, potentiometric, thermodynamics (*s*), 5290
– sulfate, crystallization, potentiometric, 3233, 3234
– – sodium chloride, conductometric, 5490
– sulfide, conductometric (*s*), 5513
Calmagite, complexes, polarographic, 3064
Californium, redox behavior, theory, 3230
Calomel, *see also* Mercury (I) chloride
– electrode, non–aqueous, 340, 3173, 3244
– – reference (for) pH–metry, 5221
Camphene, adsorption (on) cadmium amalgam dropping, 5838
Campholenic acid, adsorption (on) cadmium amalgam dropping, 5838
Camphor, adsorption (on) cadmium amalgam dropping, 5838
– – – mercury, 1755
– – – – dropping, 1144, 3033, 4027, 5837
– – – zinc, 5831
– cathodic behavior, 1600
– corrosion inhibitor, 4027
– polarographic, 5837

Camphor derivatives, adsorption (on) mercury dropping, 3033
– sulfonate, adsorption (on) carbon, 1109
Camphorate acetyl–, complexes, anodic behavior, cathodic behavior, isomerization, 5903
Camphoric acid, adsorption (on) cadmium amalgam dropping, 5838
– – acetyl–, complexes, coulometric, voltammetric, 5040
Canavalin, electrophoretic, 5765
Caolinite, zeta electric tension, 3901
Capacitance differential, computerization, 952
– – interphase, instrumentation, 1009
– – measurements, (in) acetonitrile, 2694
– – – – butanol, 795
– – – – methanol, 2711
– – technique, 950
– – theory, 950, 951, 2860
– instrumentation, 1008, 4927
– measurements (in) acetone, 5833
– – – aluminum oxide cryolite (*l*), 5854
– – – butanol, 795
– – – cryolite aluminum oxide (*l*), 5854
– – – ethanol, 1751
– – – ethylene carbonate, 4724
– – – – glycol, 3717
– – – formamide dimethyl–, 3744
– – – heavy water, 3743
– – – lithium nitrate potassium nitrate sodium nitrate (*l*)m 4512
– – – methanol, 798
– – – potassium hexafluorophosphate, 814
– – – potassium nitrate lithium nitrate sodium nitrate (*l*), 4512
– theory (*l*), 1909
Caproic acid, *see* Hexanoic acid
Caprolactam, *see* Hexanoic acid aminolactam
Caprylic acid, *see* Octanoic acid
Carbamate(s), potentiometric, 5433
– primary, coulometric, 3553
Carbazole, derivatives, electrosynthesis, 5696
– vinyl–, cyclodimerization, 3528
– – electrolytic, 3528, 5658
– – polymerization, 5658
Carbene, complexes, anodic behavior, voltammetric, 2051
Carbimazole, potentiometric, 3354
Carbinol, *see* Methanol
Carbohydrates, electrophoretic, 2523
Carbon, adsorption (on) 1054, 1109, 1754, 2713, 3723, 4714 ; (*l*) 4722
– anodic behavior, 1575, 4992
– (in) biological systems, conductometric, 2422
– black, adsorption (on), electrophoretic, zeta electric tension, 2514
– – manganese (II) oxide electrode, porous, resistance, 3433
– (in) chromium iron, coulometric, potentiometric, 1355
– conductometric, 3432
Carbon electrode, anode effect, theory (*l*), 1912
– – anodic behavior, 3769
– – charging, 3769
– – chronoamperometric, 72
– – electrocatalyst, 5967
– – fiber column (for) coulometry, 2501, 2502
– – forming, 3769
– – (for) galvanic cells, 4204
– – iron polyphthalocyanine impregnated (for) electrolysis, 5614
– – paste (for) pH–metry, 409
– – – – voltammetry, 173, 5031
– – porous, electric tension distribution, 5329
– – reactions (on), (*l*), 1912
– – vitreous, anodic behavior, 5920
– – – electrons transfer, kinetics, 10
– – – mercury–plated (for) stripping, 2011
– – – potentiometric, 1973
– – – potentiostatic, 3014
– – – spectroelectrochemistry, 5920
– – – voltammetric, 1973, 3014
– – voltammetric, 72
– (in) iron alloys, coulometric, 3540
– – – chromium, coulometric, potentiometric, 1355
– – organic compounds, coulometric, 2500
– platinized, adsorption (on), 1743
– potentiometric, 1743
– (in) rocks, coulometric, 2503
– – steel, coulometric, 4932 ; (*l*) 482
– vitreous, adsorption (on), 1047, 3014
– voltammetric, 4992
– air electrode, overload capacity, 5939
– bromine, electrode, 1054, 3270, 5899
– chlorine electrode, galvanostatic (*l*), 4722
– dioxide, adsorption (on) platinum, 2967
– – (in) beer, conductometric, 5529
– – – – voltammetric, 1970
– – cathodic behavior, 1576, 3487, 4993, 4994, 5969
– – coulometric, 2504
– – dimerization, 1576
– – electrode, selective, 2290, 2291
– – – solid–state, 3264
– – electrolytic, 1576, 3487
– – (in) hydrogen, potentiometric, 4248
– – meter, 1970
– – (in) nitrogen, potentiometric, 4248
– – potentiometric, 2291, 3885, 4247
– – voltammetric, 4993, 4994
– – (in) wine, conductometric, 993
– – – – potentiometric, 993, 2290
– fluoride, potentiometric, thermodynamics (*s*), 1360
– lanthanum nickel electrode, S.E.T., voltammetric, 2018
– monoxide, adsorption (on) platinum, 1739, 2697, 3720, 5817
– – – – rhodium, 5817
– – anodic behavior, 1858, 3909
– – polarographic, 985
– oxygen electrode, catalyst, 5330

Carbon oxygen electrode, chronopotentiometric, voltammetric, 2949
– rubidium silver iodide interphase, impedance, 1796
– tetrabromide, *see* Methane tetrabromo–
– tetrachloride, *see* Methane tetrachloro–
Carbonaceous species, adsorption (on) platinum platinized, 3548
Carbonate(s), cathodic behavior, 3059
– mobility, 742
– polarographic, 3059
– (in) rocks, coulometric, 2503
– (in) sea water, potentiometric, 410
– complexes, conductometric, 2288
– – polarographic, 309
– – potentiometric, 2288, 2340, 5411
– – stability, 309, 2340, 5411
Carbonic acid, ionization, 483, 4220, 4221
– – potentiometric, 4220, 4221
– – (in) sea water, potentiometric, 483
– anhydrase, activity, 4247
– – conductometric, electrophoretic, 669
– – potentiometric, 4247
Carbonyl complexes, anodic behavior, voltammetric, 2051, 5017
– compounds, (in) isoprene, polarographic, 324
– – oscillometric, 1543
– – potentiometric, 1451
– groups, (in) vat dyes, potentiometric, 5448
Carborane(s), anodic behavior, 5605
Carborundum electrode, (for) potentiometry, 4246
Carbosital electrode rotating disc, (for) voltammetry, 184
Carboxyl esterase, rat liver, electrophoretic, 4680
– cation exchanger, potentiometric, 4359
Carboxylase(s), electrophoretic, 775
Carboxylate(s), effect (on) electrode(s) selective, 4263
Carboxylic acid(s), alkoxylation, 701
– – anodic behavior, 2159
– – dibasic, ionization, potentiometric, 1456
– – electrolytic, 701
– – membrane(s), conductometric, 5575
– – oscillometric, 5563
– – polarographic, 2159
– – potentiometric, 1393, 2370, 4316, 4317
– – dichloro– vinylamides, derivatives, ionization, potentiometric, 1462
– groups, (in) copolymers, potentiometric, 3343
Carbromal, polarographic, 4106
Carbutamide, coulometric, potentiometric, 4574
Cardiac muscle membrane, electric tension stabilization, 4364
Cardiolipin membrane(s) bilayer, conductometric, 1552
Carene, adsorption (on) cadmium amalgam dropping, 5838
Caries dental, formation, electrochemical mechanism, 1867
Carotenoprotein, *Rhodospirillum rubrum*, electrophoretic, 2598
Carvone, derivatives, cathodic behavior, 2762
Casein, human electrophoretic, 2599
– meat, electrophoretic, 2601, 2602
– milk, electrophoretic, 3629, 5763
– Pinzgau cattle, electrophoretic, 2600
– sheep, electrophoretic, 2603
– complexes, electrophoretic, 5762
Catalase(s), amperometric, 5191
– electrophoretic, 1696, 5778, 5779
– *Agrobacterium*, electrophoretic, 5778
– baker yeast, electrophoretic, 5779
– *Gossypium*, electrophoretic, 1696
– *Rhizobium*, electrophoretic, 5778
Catechol, *see also* Benzene dihydroxy–
– polarographic, 2128
– potentiometric, protolysis, 2367
– complexes, formation, 4308
– – polarographic, 2128
– – potentiometric, 4308, 5356
– nitro–, electrophoretic, 5705
Catecholamine(s), ionization, potentiometric, 2367
Cathepsin D, bovin spleen, electrophoretic, 5764
Cation(s) electrode(s), selective, anions interference elimination, 3831
– electrophoretic, 744
– exchanger(s), potentiometric, 4359
– – regeneration, 4760
– mobility, 744
Cell(s) capillary gap, (for) electrolysis, 109
– electrochemical, buffering capacity, theory, 1943
– equivalent circuits, theory, 1877
– internodal, *Nitella flexilis*, action electric tension, resting electric tension, 5467
– optically transparent, 118
– thin–layer, 2909
– – – (for) coulometry, voltammetry, 92
– *Xenopus laevis*, electric tension, 4368
Cellosolve methyl–, solvent (for) polarography, 4092
– – – – voltammetry, 2356
Cellulose, electrokinetics, electrophoretic, 755
– acetate membrane, electric tension, 564
– – – (for) electrophoresis, 2526
– carboxymethyl–, conductometric, potentiometric, 1467
– derivatives, adsorption (on) mercury dropping, polarographic, 4086
Cement, aluminum (in), 1160
– iron (in), manganese (in), 312, 1160
– titanium (in), 1160
Cephalosporanic acid, derivatives, cathodic behavior, polarographic, 5162
Cephalosporin C, derivatives, cathodic behavior, polarographic, 1233
– lactamase, *Pseudomonas aeruginosa*, electrophoretic, 3672
Cerium (III), amperometric, 5196
– (IV), amperometric, 1249
– (III), anodic behavior, 3947

Cerium (IV), cathodic behavior, 1858
– coulometric, 727, 3539
– (IV), electrogeneration, 1609
– (III), electrolytic, 2948
– – electrophoretic, 1619
– (in) nuclear fuels, potentiometric, 3258
– (IV), potentiometric, 927, 928, 1352, 1353, 3262, 5327
– – reaction (with) bromate, potentiometric, 3261
– – – – hydrazine penhyl–, potentiometric, 5437
– – – – sulfite, potentiometric, 4241
– redox behavior, theory, 3230
– (III), voltammetric, 173, 2948, 3947
– (III–IV), voltammetric, 3947, 4990
– (III) chloride cesium chloride, potentiometric, thermodynamics (*l*), 4148
– – – lithium chloride, potentiometric (*l*), 3175, 4148
– – – – – thermodynamics (*l*), 4148
– – – potassium chloride, potentiometric (*l*), 3175, 4148
– – – – – thermodynamics (*l*), 4148
– – – rubidium chloride, potentiometric, thermodynamics (*l*), 4148
– – – sodium chloride, potentiometric (*l*), 3175, 4148
– – – – – thermodynamics (*l*), 4148
– – complexes, conductometric, 481, 3257, 3428, 5525
– (IV) complexes, conductometric, 2288, 3430
– (III), complexes, electrophoretic, 750, 2512
– – – formation, 5322, 5326
– – – polarographic, 5111
– – – potentiometric, 479, 481, 1348, 2287, 2289, 3257, 3259, 3260, 4235, 4237, 4238, 4239, 4240, 5294, 5307, 5322, 5326
– (IV), complexes, potentiometric, 2288, 3259
– (III), complexes, stability, 479, 750, 1348, 2287, 2289, 3257, 3259, 3260, 4238, 4239, 4240, 5111, 5294, 5307
– (IV), complexes, stability, 3259
– (III) complexes, thermodynamics, 3259, 4237, 4239, 5307, 5322, 5326
– (IV), complexes, thermodynamics, 3259
– gallium selenide, conductometric, 1527
– lead, potentiometric, thermodynamics (*l*), 1351
– (IV) oxide, conductometric (*s*), 4423
– (III) oxide, voltammetric (*l*), 4977
– (IV) oxide calcium oxide, conductometric (*s*), 625
– – – neodymium oxide, conductometric (*s*), 625
– – – strontium oxide, conductometric (*s*), 625
– – – zirconium oxide, conductometric (*s*), 3429
– sulfide, conductometric (*s*), 5526
– zinc, corrosion, 4816
Ceruloplasmin, human, electrophoretic, 3363
– serum, electrophoretic, 4656
Cesium (I), adsorption (on) bismuth, 4710
– – – – mercury dropping, 5821
– – – – platinum, 3718, 4711, 5819
– – cathodic behavior, 3036, 3919
– – coulometric, 3534
– – galvanostatic, 4957
– – mobility (*l*), 3389
– – polarographic, 3036, 4957
– – solvation, 2395
– – transport, 4957; (*l*) 3176
– – voltammetric, 2922, 3534, 3919, 4957
– – Walden product, 5485
– antimony (III) sulfide, conductometric (*s*), 5496
– bromide silver bromide, diffusion electric tension (*l*), 3180
– – – – chloride, diffusion electric tension (*l*), 3180
– chloride, activity, 426, 3189
– – association, 4396
– – conductometric, 1503, 3408, 4396; (*l*) 3343
– – electrolytic (*l*), 3393
– – potentiometric, 426, 3189, 4164, 5227, 5228
– – solvent (for) chronopotentiometry (*l*), 3753
– – thermodynamics, 5227, 5228
– – transport, 5228
– – – heat, 4164
– – cerium (III) chloride, potentiometric, thermodynamics (*l*), 4148
– – lanthanum chloride, potentiometric, thermodynamics (*l*), 4154
– – magnesium chloride, conductometric (*l*), 2398
– – nickel chloride, potentiometric, thermodynamics (*l*), 5243
– – silver bromide, diffusion electric tension (*l*), 3180
– – – chloride, diffusion electric tension (*l*), 3180
– – sodium chloride, solvent (for) electrocapillarity measurements (*l*), 2732
– – strontium chloride, potentiometric (*l*), 3176
– chromate, conductometric, coulometric, transport numbers (*s*), 2394
– (I), complexes, association, 1503, 3402
– – – conductometric, 1503, 3402, 5489
– fluoride, conductometric (*l*), 4377
– iodide, conductometric, 597, 4381
– – solvent (for) conductometry (*l*), 640
– – copper (I) iodide, potentiometric, thermocell, thermodynamics (*l*), 1301
– – silver iodide, potentiometric, thermocell, thermodynamics (*l*), 3181
– nitrate, transport numbers (*l*), 3389
– perchlorate, conductometric, 2395, 3843, 4374
– – polarographic, 4017
– – thermodynamics, 3843

Cesium perchlorate, voltammetric, 4017
– – lithium perchlorate, conductometric, electrophoretic, transport numbers (*l*), 5483
– sulfate, conductometric (*l*) (*s*), 5481
– tetraphenylborate, conductometric, 1503
Cetyl, *see* Hexadecyl
Chalcocite, electrode, 1388, 5249
– – chronopotentiometric, voltammetric, 3025
Chalcone, *see also* Acetophenone benzal–
– cathodic behavior, 4083
– hydrodimerization, 3002
– hydrogenation, 1214
– polarographic, 1214, 4083
– voltammetric, 3002
– furan–, substituted, radicals, electrogeneration, polarographic, 3141
– oxime, pyridyl–, analogues, cathodic behavior, polarographic, 1223
Chalcopyrite electrode, electric tension, 4280
– potentiometric, sulfur fugacity (in), 1384
Charge transfer, quantum theory, 2794
– – technique, 24
– – theory, 24, 959, 2794, 3812, 3825, 4836
Cheese, chloride (in), 1416
Chimney gas(es), sulfur (IV) oxide (in), 516
Chitosan sulfoethyl–, conductometric, 4458
– trialkyl–, derivatives, potentiometric, 4348
Chloramine T, conductometric, 5509
Chloramphenicol, *see* Chloromycetin
Chloranil, *see* Benzoquinone tetrachloro–
Chloranilic acid, *see* Benzoquinone dichlorodihydroxy–
Chlorate, electrolytic, 4521, 5622, 5623
– electrolyzer, parasitic currents (in), 5623
– potentiometric, 2333
– reaction (with) vanadium (II), polarographic, 4056
Chlordiazepoxide, potentiometric, 1476
– lactam, polarographic, 4104
Chlorhydrin dinitro–, polarographic, 2201
Chloride, (in) acetaldehyde, potentiometric, 5390
– activity, 3, 50, 2233, 3171, 4294
– adsorption (on) bismuth, 798, 1982
– – – carbon platinized, 1743
– – – glass, 2691
– – – gold, 1078, 2703, 2938, 4723
– – – hematite, 2689, 5402
– – – iridium, 1588
– – – mercury, 795, 696, 1751, 3721
– – – – dropping, 2147
– – – nickel, 1983, 2702
– – – palladium, 5828
– – – platinum, 1078, 1753, 2997, 4887
– – – – platinized, 1752, 4721
– – – silver, 1078, 2703
– – – zinc amalgam, 1784
– amperometric, 310
– anodic behavior, 273, 3094, 3976, 5023, 5024
– association, 3398
– (in) biological fluids, conductometric, 1539
Chloride, (in) blood, potentiometric, 5392
– – cadmium selenide, amperometric, 3160
– – cheese, conductometric, 1416
– conductometric, 50, 594, 1488, 3398
– (in) corn syrup, potentiometric, 4298
– coulometric, 3976
– diffusion (*s*), 4394
– – (through) membranes anion-exchange, 591
– (in) drugs, potentiometric, 1417
– – dyes, potentiometric, 5391
– electrode, selective, 502, 1297, 1411, 2325, 3278, 4202, 4264, 4295, 5291
– – – review, 5381
– – – sensitivity, 3305
– – – temperature coefficient, 431
– electrophoretic, 2906
– (in) fats, potentiometric, 1415
– galvanostatic, 4957
– (in) glass porous, mobility, potentiometric, 1413
– – luminophores, polarographic, 4067
– mobility, 594, 742
– (in) pharmaceuticals, potentiometric, 1417
– – phosphors, potentiometric, 5378
– photoelectrochemistry, 5023
– (in) plants, potentiometric, 1418
– polarographic, 273, 310, 2146, 2147, 4957
– potentiometric, 531, 994, 1297, 1310, 1412, 2233, 2255, 2260, 2271, 2326, 2327, 2328, 3216, 4187, 4294, 5291, 5388
– – review, 5381
– (in) rocks, potentiometric, 4298
– – serum, coulometric, 5676
– – skeletal muscles, distribution, potentiometric, 3186
– – sodium, coulometric, potentiometric, 4296
– – soil, potentiometric, 1414, 2330, 4297, 5223
– solvation, 1488
– solvent (for) potentiometry (*l*), 5305
– stripping, 4957
– (in) sugar, potentiometric, 5389
– – sweat, potentiometric, 3312
– transport, 4957
– – numbers, 407, 594, 4383; (*l*) 3176
– voltammetric, 211, 1078, 3094, 3976, 5023, 5024
– (in) waste water, potentiometric, 4150
– – water, potentiometric, 2329, 4202, 5386, 5387
– chlorine electrode (*l*), 5241
– complexes, polarographic, 4040
– – potentiometric, 5253; (*l*) 3226
– – stability, 4040
Chlorine, adsorption (on) carbon, 3723, 4722
– amperometric, 100
– cathodic behavior, 1858
– conductometric, 2893
– electrode, electric tension (*l*), 4293
– – selective, 2291
– electrogeneration, 100, 211
– electrolytic, review, 5621

Chlorine, evolution (on) graphite electrode, 5024
– (in) gas(es), coulometric, 1004
– hydrolysis, 2893
– ionization, 3310
– (in) organic compounds, coulometric, 3896
– – – – potentiometric, 2328
– overtension (on) manganese (IV) oxide electrode, 196
– potentiometric, 2304, 3310
– reaction (with) silver (I), conductometric, 2893
– (in) sea water, potentiometric, 994
– (in) sodium, (in) uranium, coulometric, 5675
– voltammetric, 196, 2972, 2973
– carbon electrode, galvanostatic (*l*), 4722
– chloride electrode (*l*), 5241
– ethylene, fuel cell, 4800
– fluoride, conductometric, 4438, 5547
– hydrogen, fuel cell, 4978
– lithium, fuel cell, 1834
– (IV) oxide, cathodic behavior, 210
– (VII) oxide, electrosynthesis, 3493
– (IV) oxide, potentiometric, 2304
– – – voltammetric, 210
Chlorite, amperometric, 4119
– anodic behavior, 210
– cathodic behavior, 27
– potentiometric, 2304, 2333
– voltammetric, 27, 210
Chloroaluminate(s), solvent (for) potentiometry (*l*), 475
Chlorobium thiosulfatophilum, photooxidation, redox electric tension, 3373
Chloroform, *see* Methane trichloro–
Chlormycetin, polarographic, 5181
– palmitate, polarographic, 5181
Chlorophyll, electrochemiluminescence, electrolytic, 1604
– photoelectrochemistry, 4788
– reduced form, coulometric, electrogeneration, polarographic, 1229
Chloroplast(s), electrons transport (through), 4789
– lipid membrane(s) bilayer, photoelectric tension, 4796
– membrane(s), electric tension, 5924
– – plant cells, electric tension, 3371
– photosystem(s), photoelectric tension, redox electric tension, 4358
Chlorophos, derivatives, hydrolysis, potentiometric, 1442
Chlororhenate (III), cathodic behavior, chronoamperometric, polarographic, 2148
– – complexes, chronoamperometric, polarographic, 2148
Chlorothiazide, potentiometric, 3337
Chlorpromazine, (in) blood, voltammetric, 5077
Cholanthrene methyl–, tritiated, reaction (with) cytosol, electrophoretic, 2527
Cholesterol membrane, conductometric, 2412, 3469, 4464
Cholesterol membrane, electric tension, 3027
– – photoelectric tension, 1862
– – potentiometric, 3027
– – surface electric tension, 4464
– – voltammetric, 3027
Choline electrode, selective, 586
– electrophoretic, 5707
– acetyl–, electrophoretic, 747
– – receptors, potentiometric, 3368
– – transferase, human brain, electrophoretic, 4700
– carbamyl–, electrophoretic, 747
– complexes, conductometric, 617
– esters, electrode, selective, 586
– – electrophoretic, 5707
– phosphatidyl–, electrocapillarity, 2733
– – membranes bilayer, conductometric, 1552
Cholinesterase, electrode, selective, 587, 4326
– serum, potentiometric, 587
– acetyl–, activity, potentiometric, 586
– – mammalian brain, electrophoretic, 5780
– – pig brain, electrophoretic, 3658
Chondroitin sulfate(s), electrophoretic, 756
– – reaction (with) lysozyme, (with) RNAase, conductometric, 3445
Chromate, *see also* Chromium (VI)
– activity, 1398
– amperometric, 2211, 5198
– cathodic behavior, 3084, 4062
– electrode, selective, 2319
– electrophoretic, 3562
– polarographic, 3084, 4062
– potentiometric, 1398, 3267
– transport numbers, 4383
Chromatin, electrophoretic, 2604, 2605
Chromatoamperometry, instrumentation, 989
Chromatocoulometry, instrumentation, 112
Chromatophores, *Rhodospirillum rubrum*, electric tension, 4367
Chromatovoltammetry, instrumentation, 119
– technique, 2913
Chromic acid, cathodic behavior, 2050
Chromite, *see* Chromium (III)
Chromium (VI), *see also* Chromate, *see also* Dichromate
– amperometric, 1613, 1960
– (III), amperometric, 3154, 3157, 5196
– (VI), amperometric, 2211, 5198
– anodic behavior, 1847, 2966, 5017, 5588; (*l*) 4818
– antimony (in), 5005
– (III), cathodic behavior, 2140, 2141, 3919, 4862
– (VI), cathodic behavior, 1062, 2050, 3084, 4062
– copper (in), 5087
– corrosion (*l*), 4818
– (III), conductometric, 1397
– coulometric, 1613, 1960
– (III), coulometric, 3546
– (VI), coulometric, 733, 2025, 2505, 3546
– electrochemical behavior, 2801
– electrocrystallization, 1579

Chromium (I), electrode, S.E.T. (*l*), 3295
– (I–II), electrode, S.E.T. (*l*), 3295
– (II), electrode, S.E.T. (*l*), 3295
– electrodeposition, 691, 2048, 2737, 5127
– electrolytic, 1563, 5588, 5620; (*l*) 692
– (III), electrolytic, 2048
– (VI), (in) electroplating baths, potentiometric, 5257
– galvanostatic, 2737
– nickel (in), 5087
– passivation, 2966
– polarographic, 5127
– (III), polarographic, 285, 2140, 2141, 4862
– (VI), polarographic, 2142, 3084, 4062
– potentiodynamic, 2966
– potentiometric, 1613, 1960
– (0–II), potentiometric, 1394
– (II–III), potentiometric, 3297
– (III), potentiometric, 1338, 1397, 3927, 4284
– (VI), potentiometric, 506, 927, 928, 1338, 3228, 3262, 4286
– purification, electrolytic (*l*), 692
– (II), reaction (with) iodate, potentiometric, 3296
– (III), stripping, 2049
– trace analysis, 2049, 2142
– (in) urine, polarographic, 4060
– voltammetric, 2966, 5017
– (II–III), voltammetric, 5018
– (III), voltammetric, 2048, 3919
– (VI), voltammetric, 1062, 2050
– (in) waste water, polarographic, 2106, 3039
– zinc (in), 5098
– (III) ammonium sulfate, electrosynthesis, 4474
– antimonide, potentiometric, thermodynamics (*s*), 1395
– carbide, anodic behavior, electrolytic, 4515
– (III) chloride, complexes, cathodic behavior, polarographic, 3088
– – complexes, adsorption (on) mercury, 806
– complexes, anodic behavior, 2051
– (0), complexes, anodic behavior, 3969
– (II), complexes, cathodic behavior, 4036
– (III), complexes, cathodic behavior, 306, 806, 1074, 5019, 5129, 5897
– (II), complexes, conductometric, 1367
– (III), complexes, conductometric, 4434, 5543
– (VI), complexes, conductometric, 5544
– complexes, coulometric, 3089
– (III), complexes, electromigration, 832
– (II–III), complexes, electrode, reactions (on), 1814
– (III), complexes, electrode, reactions (on), 4781
– complexes, electrolytic, 3089
– (III), complexes, electrophoretic, 1370
– – – ionization, 3299
– complexes, polarographic, 3045, 3089, 3973
– (II), complexes, polarographic, 4036, 4061
– (III), complexes, polarographic, 306, 1074, 3090, 5129
Chromium (VI) complexes, polarographic, 3047
– (II), complexes, potentiometric, 1367, 1396
– (III), complexes, potentiometric, 453, 1370, 3251, 3299
– (II), complexes, stability, 1367
– (III), complexes, stability, 453, 3251, 4434
– (II), complexes, thermodynamics, 1367
– complexes, voltammetric, 2051, 3973
– (0), complexes, voltammetric, 2047, 3969
– (II), complexes, voltammetric (*l*), 206
– (III), complexes, voltammetric, 1074, 5019, 5129
– fluoride, potentiometric, thermodynamics (*s*), review, 1377
– iron, adsorption (on), 1749
– – carbon (in), 1355
– – electrochemical behavior, 1649
– – passivation, 1749
– – potentiometric, thermodynamics (*s*), 4283
– – nickel, electrodeposition, review, 3496
– – – phase separation, electrolytic, 850
– – – potentiometric, thermodynamics (*s*), 4283
– molybdenum, electrodeposition, 4514
– nickel, activity (*s*), 5368
– – electrodeposition, 2466, 2467
– – potentiometric (*s*), 4283, 5368
– – thermodynamics (*s*), 4283
– nitride, conductometric (*s*), 5542
– organoderivatives, polarographic, 3087
– (III) oxide electrode, reference (for) potentiometry (*l*), 4285
– oxide(s), potentiometric (*s*), review, 1377
– (III) oxide, surface conductance, 3423
– oxide(s), thermodynamics (*s*), review, 1377
– (III) oxide, zeta electric tension, 3423
– – – nickel oxide, potentiometric (*s*), 3298
– – – phosphoaluminate, conductometric (*l*), 1526
– – – vanadium (V) oxide, conductometric, potentiometric (*s*), 4270
– selenide, conductometric (*s*), 3441
– selenium tellurium, conductometric (*s*), 3442
– sulfide, telluride, conductometric (*s*), 3441
– titanium, anodic behavior, 4817
Chromotropic acid, *see also* Naphthalene disulfonic acid dihydroxy–
– – electrophoretic, 1401
– – complexes, electrophoretic, 745
– – – potentiometric, 2294
Chronoabsorptiometry, technique, 1928
– theory, 961, 1928
Chronoamperometry, (in) acetonitrile, 821, 2995, 3917
– – aluminum chloride sodium chloride (*l*), 3925
– amalgam (with) accumulation, theory, 1929
– (in) beryllium fluoride lithium fluoride zirconium fluoride (*l*), 187
– – calcium nitrate (*l*), 3058

Chronoamperometry, computerization, digital simulation, 1930
– (in) ethanol, 3917
– – formamide dimethyl–, 4890
– – glycerol, 1093
– – lithium chloride potassium chloride (*l*), 3232, 4748
– – – fluoride beryllium fluoride zirconium fluoride (*l*), (in) lithium fluoride potassium fluoride sodium fluoride (*l*), 187
– – methane dichloro–, 2995
– – potassium chloride lithium chloride (*l*), 3232, 4748
– – – fluoride lithium fluoride sodium fluoride (*l*), 187
– – sodium chloride aluminum chloride (*l*), 3925
– – – fluoborate (*l*), 186
– – – fluoride lithium fluoride potassium fluoride (*l*), 187
– technique, 5856
– theory, 962
– (in) zirconium fluoride beryllium fluoride lithium fluoride (*l*), 187
Chronocoulometry, (in) acetate, 4755
– – acetonitrile, 2727, 2995
– – formamide dimethyl–, 1111
– – methane dichloro–, 2995
– – methanol, 5110
Chronofaradometry potentiostatic, technique, theory, 950
Chronopotentiometry, (in) acetamide dimethyl–, 131
– – acetate, 4755
– – acetonitrile, 1785
– – aluminum chloride sodium chloride (*l*), 3925
– – ammonium ethyl– chloride (*l*), 1782
– – aniline methoxybenzilidenebutyl–, 2080
– – beryllium fluoride lithium fluoride sodium fluoride (*l*), 2728
– – – – – – zirconium fluoride (*l*), 187, 5405
– – calcium nitrate (*l*), 3058
– – – – potassium nitrate (*l*), 5863
– – cesium chloride (*l*), 3753
– computerization, digital simulation, 1930
– (in) dimethylsulfoxide, 3752, 5014
– – formamide dimethyl–, 5014, 5068
– instrumentation, 982, 1010, 3903
– (in) lithium chloride (*l*), 417, 3753
– – – – potassium chloride (*l*), 227, 417, 1098, 1786, 2933, 4757, 5010
– – – fluoride beryllium fluoride sodium fluoride (*l*), 2728
– – – – – – zirconium fluoride (*l*), (in) lithium fluoride potassium fluoride sodium fluoride (*l*), 187, 5405
– – – sulfate potassium sulfate (*l*), 825
– – potassium acetate sodium acetate (*l*), 122
– – – chloride (*l*), 417, 3753, 4750
– – – – lithium chloride (*l*), 227, 417, 1098, 1786, 2933, 4757, 5010
– – – fluoride lithium fluoride sodium fluoride (*l*), 187, 5405
Chronopotentiometry (in) potassium hydroxide sodium hydroxide (*l*), 4749
– – – nitrate calcium nitrate (*l*), 5863
– – – – sodium nitrate (*l*), 4986
– – – sulfate lithium sulfate (*l*), 825
– review, 1780; (*l*) 908
– (in) rubidium chloride (*l*), 3753
– – sodium acetate potassium acetate (*l*), 122
– – – chloride (*l*), 3753
– – – – aluminum chloride (*l*), 3925
– – fluoborate (*l*), 186
– – – fluoride beryllium fluoride lithium fluoride (*l*), 2728
– – – – lithium fluoride potassium fluoride (*l*), 187, 5405
– – – hydroxide potassium hydroxide (*l*), 4749
– – – nitrate potassium nitrate (*l*), 4986
– technique, 823, 1010, 2728
– – review, 1780
– theory, 21, 71, 73, 1893, 1916, 1931, 4891, 4892, 4893
– (in) zirconium fluoride beryllium fluoride lithium fluoride (*l*), 187, 5405
Chrysene, *see also* Benzanthracene, *see also* Benzophenanthrene
– electrochemiluminescence, 1887
Chymotrypsin, electrophoretic, 4657
Chymotrypsinogen, electrophoretic, 1673, 2606
Cinchomeronic acid, *see also* Pyridine dicarboxylic acid
iso–Cinchomeronic acid, polarographic, 3140
– – dinitrile, polarographic, 3139
Cinchonine, amperometric, 381
– coulometric, 381, 393
– potentiometric, 393, 3336
Cinnamaldehyde, cathodic behavior, polarographic, 4083
Cinnamic acid, potentiometric, 578, 1347
– – acetamido–, cathodic behavior, electrolytic, polarographic, potentiometric, voltammetric, 1103
– – dibromide, cathodic behavior, electrolytic, polarographic, potentiometric, voltammetric, 4004
Cinnamonitrile, cathodic behavior, 1199, 3003
– coupling (with) dimethyl fumarate, 2073
– hydrodimerization, 3003
– polarographic, 1199
– radical, dimerization, 5906
– voltammetric, 3003
Cinnoline methyl–, phenyl– acylation, coulometric, electrolytic, polarographic, 2186
Citraconic acid, *see* Maleic acid methyl–
Citrate, electrophoretic, 2906
– complexes, conductometric, 1431
– – formation, 2285
– – polarographic, 291
– – potentiometric, 1431, 2285, 3271
– – stability, 3271
– dehydrogenase, electrophoretic, 777
– – *Rana pipiens*, electrophoretic, 1701

Citrate synthetase, human, mouse, electrophoretic, 5797
Citric acid, conductometric, 3458
– – deprotonation, 866
– – electrophoretic, 777
– – ionization, 1457, 3338, 3458
– – oscillometric, 5563
– – potentiometric, 3338
– – potentiostatic, 866, 1457
– – solvent (for) electrolysis, 1560
– – complexes, polarographic, 4065
– – – potentiometric, stability, 441
Clay acids, ionization, potentiometric, theory, 4869
– suspension(s), zeta electric tension, 4583
Clopamide, potentiometric, 3337
Clostripain, electrophoretic, 2528
Coagulants, (in) milk, electrophoretic, 1691
Coagulation factors, blood, electrochemical behavior, 1866
Coal, electrode paste, (for) chronoamperometry, 1799
– sulfur (in), 4275
– zeta electric tension, 1621
Cobalamine, electrophoretic, 5709
– cyano–, hydroxy–, methyl–, electrophoretic, 5709
Cobalt, adsorption (on), 64
– – – platinum platinized, 1742
– (in) alloys, potentiometric, 543
– amperometric, 2215
– (II), amperometric, 2216
– anodic behavior, 1088, 2155, 4528
– – – thiols effect (on), 316
– (in) bones, polarographic, 5089
– (II), cathodic behavior, 1089, 2099, 2105, 2151, 2983, 3916, 3969, 3986, 5137; (*l*) 151, 152
– (III), cathodic behavior, 4856
– (II), chronoamperometric (*l*), 4748
– – chronopotentiometric (*l*), 825
– corrosion, 2926
– – inhibition, 5960
– coulometric, 1133
– (II), coulometric, 737, 5137
– deoxidation (*l*), 2507
– (II), diffusion (*l*), 825, 4748
– electrode (for) potentiometry, 1372
– – S.E.T., 2337
– (II–III) electrode, S.E.T., 4305
– electrodeposition, 4527, 5036, 5597, 5628
– (II), electrodialytic, 2735
– electrolytic (*l*), 2507
– (II), electrolytic, 4519, 5628
– electron work function, 3867
– (III), electrosynthesis, 4519
– (II), galvanostatic, 5037
– (in) milk, polarographic, 5088
– oxygen (in) (*l*), 2507
– polarographic, 277, 1133, 2155, 4068
– (II), polarographic, 316, 2099, 2105, 2151, 3095, 3096, 3916, 3986, 4023, 5106, 5137
Cobalt (III), polarographic, 3096
– (II), potentiometric, 3927, 4197
– (II–III), potentiometric, 2338
– (II), reaction (with) gold (III), potentiometric, 4197
– (in) soil, polarographic, 2104
– – – stripping, 2006
– – steel, potentiometric, 543
– stripping, 215, 1087, 1088
– voltammetric, 2926, 4963, 5036
– (II), voltammetric, 173, 1089, 2932, 2983, 2984, 3919, 3986, 5037; (*l*) 151, 152
– (III), voltammetric, 4856
– (IV), voltammetric, 4519
– zero charge point, 3867, 4963
– alloys, electrolytic, galvanostatic, potentiodynamic, potentiostatic, 4529
– amalgam, anodic behavior, 1806
– boride, electrode, stationary electric tension, 1433
– electrodeposition, 1433
– (III) bromide, complexes, conductometric, 4443, 5140, 5552
– – – – polarographic, 5140
– – – – stability, 5552
– (II) carbonyl derivatives, electrosynthesis, 3502
– – chloride, conductometric, carbohydrates effect (on), 2408
– (III) chloride, complexes, conductometric, polarographic, 5140
– complexes, anodic behavior, 1075, 4784
– (I) complexes, cathodic behavior, 3985
– (II) complexes, cathodic behavior, 317, 1090, 3049, 3050, 4033, 4034, 5591
– (III) complexes, cathodic behavior, 1074, 4071, 4073, 5141
– complexes, conductometric, 5553
– (II) complexes, conductometric 443, 2419, 2429, 3930, 4442
– (III) complexes, conductometric, 2430, 3446, 3930, 5551, 5552
– – – coulometric, 1181, 5141
– – – electrons transfer, 2748
– (II) complexes, electrolytic, 3502, 5591
– – – electrophoretic, 1616, 2250, 2512
– (III) complexes, electrophoretic, 3560, 5699
– (II) complexes, formation, 439, 2253, 4183, 5412
– (II) complexes, galvanostatic, 841
– – – hydration, 3446
– (II) complexes, ionization, 3097
– (III) complexes, ionization, 3446
– complexes, polarographic, 3045, 3098, 5082
– (I) complexes, polarographic, 3985
– (II) complexes, polarographic, 282, 317, 1090, 1181, 3047, 3049, 3050, 3097, 4033, 4034, 4035, 4072, 5095, 5100, 5138, 5139
– (III) complexes, polarographic, 1074, 1181, 4071, 4073, 5141
– complexes, potentiometric, 2341, 4199

Cobalt (I) complexes, potentiometric, 3323
– (II) complexes, potentiometric, 438, 439, 442, 443, 464, 544, 545, 546, 1298, 1299, 1301, 1303, 1307, 1309, 2250, 2253, 2339, 3201, 3203, 3209, 3231, 3233, 3234, 4174, 4178, 4179, 4182, 4183, 4184, 4210, 4306, 5260, 5266, 5268, 5272, 5273, 6289, 5298, 5396, 5410, 5412
– (III) complexes, potentiometric, 1434, 2340, 5411
– (II–III) complexes, redox behavior, 1820
– (II) complexes, stability, 438, 439, 443, 464, 545, 546, 1181, 1299, 1301, 1303, 1307, 2250, 2253, 2339, 3201, 3203, 3209, 3231, 3324, 4178, 4179, 4182, 4184, 4199, 4210, 5260, 5266, 5268, 5272, 5273, 5289, 5396, 5410
– (III) complexes, stability, 1434, 2340, 4306, 5411, 5552
– (II) complexes, thermodynamics, 442, 4174, 4178
– complexes, voltammetric, 1075, 5038
– (I) complexes, voltammetric, 2062, 3985
– (II) complexes, voltammetric, 1090, 3930, 5591
– (III) complexes, voltammetric, 1074
– dibenzotetraazaannulene, electrocatalyst, 3803
– gold nickel, electrodeposition, 5597
– (II) heteropolyacids, electrolytic, 3041
– – iodide, complexes, conductometric, 4443
– (III) iodide, complexes, conductometric, 5140, 5552
– – – – polarographic, 5140
– – – – stability, 5552
– iron, electrocrystallization, 1586
– – nickel, electrodeposition, 5626
– lead, corrosion, voltammetric, 2926
– manganese, electrodeposition, 5028, 5624
– – nickel, electrodeposition, 2468
– nickel, electrodeposition, 2474
– – phosphorous, electrocrystallization, 1579
– (II) nitrate, conductometric, 5555
– – – hydrogen peroxide potassium tungstate, conductometric, potentiometric, 4145
– organoderivatives, electrosynthesis, 4528
– – polarographic, 4028
– (II) oxide, adsorption (on), 4720
– (III) oxide, adsorption (on), 4720
– – – electrode (for) amperometry, 5195
– (II) oxide aluminum oxide, conductometric (*s*), 5521
– – – phosphoaluminate, conductometric (*l*), 1525
(III) oxide vanadium (V) oxide, conductometric, potentiometric (*s*), 4270
– pentanoate oxo–, cathodic behavior, polarographic, 3100
– (II) perchlorate, polarographic, voltammetric, 4017
– (III) perchlorate, complexes, conductometric, polarographic, 5140
– phosphide, electrocatalyst, 1856
– phosphorous, electrocrystallization, 1579
Cobalt phthalocyanine, conductometric, 1837
– – electrocatalyst, 1837, 4823, 5969
– platinum, electrodeposition, 2470
– rhenium, electrodeposition, voltammetric, 4524
– (III) sulfate, complexes, conductometric, stability, 5552
– (II) tungstate, conductometric, 1403
– tungsten bronze(s), electrocatalyst, 5968
– uranium, potentiometric, thermodynamics (*s*), 2320, 5375
Cobalticinium cobaltocene, equilibrium, potentiometric, 1419
Cocaine, electrophoretic, 4606
Codamine benzyl–, anodic behavior, cyclization, electrolytic, 720
Codeine, polarographic, 4106
– potentiometric, 3336, 5447
– phosphate, electrophoretic, 4607
Codethyline hydrochloride, potentiometric, 3337
Collagen, conductometric, 4459, 4461
– electrophoretic, 3630
– hydration, 4459
Collodion membrane(s), Hall effect, 5922
– – potentiometric, 3376
Colloid(s), conductometric, 2894
– double layer, 67, 960
– electrophoretic, zeta electric tension, 1006
Colon tissue, rat, transmembrane electric tension, 3374
Complexes, amperometric, 3152
– cathodic behavior, 4837
– computerization, 3836
– conductometric, 3844
– equilibria (by) electromigration, 4894
– formation, 3836, 4868, 4894
– polarographic, 2094, 5081
– potentiometric, 925, 4868
– redox behavior, 3835
– review, 2094, 5081
– stability, 2094, 3152
– theory, 925, 3835, 3836, 3844, 4837, 4868, 4894
Computerization, (in) electrochemistry, 1882, 1892, 1931, 2788
Concentration cell(s), theory, 13, 916
– electric tension, theory, 2818
Concentrostat coulometric, 3547
Conductometer(s), calibration, 5502
Conductometry (in) acetamide dimethyl–, 619, 2395, 5550
– – – methyl–, 597, 4388
– – acetic acid, 1430, 1542, 5544
– – – – trifluoro–, 1497
– – – anhydride, 1514
– – acetone, 635, 651, 1488, 1504, 1522, 1528, 1530, 2308, 3349, 3431, 4376, 4403, 4442, 5503, 5555, 5561
– – acetonitrile, 259, 613, 1503, 1512, 1513, 1536, 3398, 3402, 3439, 4158, 4391, 4401, 5371, 5503, 5528, 5546
– – alcohols aliphatic, 1494

Conductometry, (in) aluminum fluoride calcium fluoride sodium fluoride (*l*), 2405

– – ammonia (*l*), 107, 3410

– – aniline, 1514

– – benzene, 614, 658, 1498, 1538, 3349, 3462, 4384

– – – chloro–, 658, 1528

– – – dichloro–, 3411

– – – nitro–, 658, 1524, 1528, 1530, 3411, 5519, 5528, 5562

– – bromine, 4439

– – butanol, 1495, 1496, 2411, 5493

– – *iso*–butanol, 642, 2411

– – *n*–butanol, 601, 642, 1501, 1514

– – *tert*–butanol, 601, 2392, 2393

– – butanoic acid, 1430

– – – – hydroxy– lactone, 5487

– – butanone, 1488, 3411, 5503

– – calcium fluoride aluminum fluoride sodium fluoride (*l*), 2405

– – cesium iodide (*l*), 640

– – cryolite (*l*), 1524

– – cyclohexane, 5478

– – dimethylsulfoxide, 594, 627, 1520, 1538, 1550, 4444, 5487, 5514

– – dioxane, 596, 1504, 1512, 1513, 1514, 2396, 3458, 4396, 4460

– – dipropyl sulfide, 1538

– – ethane dichloro–, 5502

– – – dimethoxy–, 5495

– – ethanol, 534, 594, 613, 632, 635, 1495, 1496, 1530, 1531, 2393, 3449, 4397, 4432, 5284, 5493, 5516, 5548, 5556

– – ethyl acetate, 5492

– – ethylene carbonate, 4391

– – formamide, 1502, 3843

– – – dimethyl–, 573, 605, 627, 1493, 3349, 3464, 4427, 5495, 5514

– – formic acid, 1430

– – furan tetrahydro–, 599, 3388, 3395, 4384, 5487

– – gelatin, 2400

– – guanidine tetramethyl–, 2402

– – heavy water, 613, 5523, 5432

– – heptanol, 1495, 1496, 1505, 1506, 2410, 5493

– – hexamethylphosphoramide, 3385, 3387

– – hexane, 3349, 5478, 5548

– – hexanol, 642, 1495, 1496, 2410, 5493

– – hydrofluoric acid, 4438, 5500, 5547

– instrumentation, 107, 992, 993, 996, 997, 999, 1000, 1001, 1551, 1950, 1955, 1956, 1957, 1958, 2442, 2891, 2892, 2893, 2895, 3889, 3890, 3891, 3892, 3894, 3895, 4922, 4923, 4924, 4925, 4926, 4927, 4928, 5502

– – methane dichloro–, 219

– – – diphenyl–, 615

– – – nitro–, 613, 4404, 4425, 5492, 5525

– – – tetrabromo–, 4439

– – – tetrachloro–, 614, 1512, 3349, 4439

– – – trichloro–, 1514, 3349

Conductometry, instrumentation, methanol, 443, 613, 614, 620, 635, 1495, 1496, 1498, 1503, 1505, 1506, 1509, 1513, 1522, 1988, 2393, 2415, 3402, 3408, 3431, 3439, 4376, 4391, 4396, 4404, 4452, 5486, 5493, 5520, 5567

– multiparametric curve fitting, 932

– (in) nonanol, 1495, 1496, 2410, 5493

– – octanol, 642, 1495, 1496, 2410, 5493

– – oxazolidone methyl–, 4455

– – pentaene derivatives, 1522

– – pentanol, 1495, 1496, 2411, 5493

– – *n*–pentanol, 5549

– – *iso*–pentanol, 5355

– – polystyrene, 615

– – potassium iodide (*l*), 640

– – propanediol carbonate, 3387

– – propanol, 1495, 1496, 2411, 5493

– – *iso*–propanol, 642, 2403, 2411, 3402

– – *n*–propanol, 642, 2393

– – propionic acid, 1430

– – propylene carbonate, 1487, 4374, 5487

– – pyridine, 598, 1450, 2402

– review, 4369, 4414, 5475 ; (*l*) 908

– (in) sodium fluoride aluminum fluoride calcium fluoride (*l*), 2405

– – – iodide (*l*), 640

– standards (for), 4390

– (in) sulfolane, 3169, 4391, 5486

– – sulfur (IV) oxide (*l*), 3388, 5534

– technique, 49, 3889, 3890

– temperature coefficient, 1957

– theory, 45, 46, 47, 68, 657, 930, 931, 932, 1910, 1911, 2849, 2850, 3840, 3845, 4870, 4871, 4872, 4873 ; (*l*) 1909, 2851, 3407 ; (*s*) 3841

– (in) toluene, 1550, 5572

– – – hydroxy–, 1514

– – tributylphosphate, 1528

– – urea, 1509

– – – tetramethyl–, 3409

– – xylene, 1528

Congo Red, binding (with) ovalbumin, (with) transfusion gelatin, polarographic, 380

Convection, theory, 2798

Copper, adsorption (on), 49, 1733, 1757, 1758, 1759, 3479 ; (*l*) 4706

– – desorption hysteresis, voltammetric, 1759

– – (on) platinum, 4713, 4955

– (II), adsorption (on) platinum platinized, 1752

– (I), adsorption (on) resins, 145

– (in) aluminum, stripping, 2929

– amalgamation, 2102

– amperometric, 1245, 5189, 5190

– (II), amperometric, 989, 2206, 4115, 5191

– (III), amperometric, 148

– anodic behavior, 136, 137, 138, 143, 432, 847, 1030, 1843, 1899, 1991, 2925, 2927, 3794, 3923, 3928, 4813, 4959, 4961, 4962, 5586, 5588, 5590, 5943 ; (*l*) 1994

– (I), anodic behavior, 1997

– (in) biological systems, stripping, 1034

Copper, (in) blood, potentiometric, 3194
– – – stripping, 1998
– – bones, polarographic, 5089
– (I), cathodic behavior, 4967
– (II), cathodic behavior, 144, 145, 278, 279, 281, 824, 2105, 2452, 2786, 2931, 3042, 3926, 4024, 4025, 4026, 4027, 4967, 5589; (*l*) 151, 152
– – chromatoamperometric, 989
– (in) chromium, polarographic, 5087
– (0–I), chronoamperometric (*l*), 3925
– (II), chronocoulometric, 281
– (0–I), chronopotentiometric (*l*), 3925
– (I), chronopotentiometric (*l*), 825, 4750
– (I–II), chronopotentiometric (*l*), 3925
– (II), chronopotentiometric (*l*), 825
– – conductometric, 2416, 4402
– corrosion, 1992, 2827, 2926, 5943, 5946
– – inhibition, 3794, 4810, 4811, 4812, 4814, 5944, 5947
– – – review, 4809, 5942
– coulometric, 1133
– (II), coulometric, 723, 724, 2025, 3536, 3537, 3928
– deoxydation (*l*), 2312, 2313, 2507
– (I), diffusion (*l*), 825, 4750
– (II), diffusion (*l*), 825, 3480
– electric tension *vs* pH diagram, computerization, 4134
– electrocapillarity (*l*), 831
– electrocrystallization, 1559, 3762, 4483, 5584, 5872
– – benzotriazole effect (on), 4484
– electrode, anodic behavior, 134, 848
– – capacitance, 1757
– – – differential, 1758, 1772
– – double layer, 2720
– – electric tension, 1997
– – electrochemical behavior, 848
– – electroreflectance, 49, 3414
– – impedance (*l*), 4706
– (II) electrode, nonaqueous, 4173
– electrode, passivation, 848
– – redox, polarization, electrothermographic, 1823
– – rotating disc, corrosion, thermodynamics, voltammetric, 135
– (II) electrode, selective, 433, 434, 1296, 1297, 5255
– – – – calibration, 4171
– – – – flow-through, 105
– – – S.E.T., 4170
– electrode, surface conductance, 49, 3414
– – voltammetric, 134, 4960, 4961
– electrodeposition, 137, 138, 150, 675, 676, 1035, 1560, 1791, 1913, 2450, 3477, 3478, 3479, 4479, 4480, 4481, 4482, 4961, 5585, 5589
– (II), electrodialytic, 2735
– electrodiffusion (*l*), 5879
– (I), electrogeneration, 1613, 1997
– (II), electrogeneration, 3928
– electrogravimetric, 1913
Copper, electrolytic, 674, 1562, 1563, 4476, 5586, 5588
– (II), electrolytic, 137, 150, 676, 934, 1035, 1560, 1564, 4479; (*l*) 3480
– – electromigration, 743
– electrophoretic, 745, 2511
– (II), electrophoretic, 743, 744, 3557, 5688
– – (in) electroplating baths, potentiometric, 5257
– electrorefining, 674
– (in) food, polarographic, 4021
– – – potentiometric, 3194
– – fuels, stripping, 1995
– galvanostatic, 1791, 2927, 3479, 3762
– (II), (by) impedance measurements, 5589
– (in) milk, polarographic, 5088
– (II), mobility, 743, 744
– (in) organic compounds, voltammetric, 153
– (II), oxidation capacity, 4158
– (I), oxidation (by) oxygen, potentiometric, 4168
– oxygen (in), 1380; (*l*) 2312, 2313, 2314, 2507, 4272, 5246
– passivated, cathodic behavior, 847
– (in) plants, chronopotentiometric, 3751, 5862
– – – stripping, 1996
– polarographic, 275, 276, 277, 987, 1131, 1132, 1133, 1899, 2101, 2102, 3040, 3044, 4018, 5189
– (0–I), polarographic (*l*), 3925
– (I), polarographic, 4967
– (II), polarographic, 278, 279, 280, 281, 1134, 2105, 2831, 3042, 3043, 4023, 4024, 4025, 4026, 4027, 4967
– potentiometric, 432, 2102, 3193
– (0–I), potentiometric (*l*), 3925
– (I), potentiometric, 2922
– (II), potentiometric, 434, 435, 1297, 1300, 3195, 3927
– potentiostatic, 3478
– (0–II), redox equilibrium, (by) faradaic rectification, 5889
– (I–II), redox equilibrium, 3738
– (in) sea water, isolation, electrolytic, 2448
– – – – potentiometric, 5245
– – sewages, stripping, 3924
– – silicate(s), polarographic, 4020
– – silver halides, polarographic, 4022
– – soil, chronopotentiometric, 3751
– – – polarographic, 2104
– – steel, polarographic, 2103
– stripping, 136, 139, 140, 149, 980, 1031, 1032, 1993, 2928, 4964
– trace analysis, 149, 980, 987, 1031, 1032, 2101, 4018, 4022, 4402, 5191
– (II), transport numbers, 743
– (in) urine, potentiometric, 3194
– voltammetric, 137, 138, 153, 1030, 1991, 1992, 2925, 2926, 2928, 3923, 3928, 4959, 4962, 4963, 4964; (*l*) 1994
– (0–I), voltammetric (*l*), 3925
– (I), voltammetric, 1997, 2922, 4967

Copper (I–II), voltammetric, 24
– (II), voltammetric, 137, 139, 140, 144, 145, 148, 149, 150, 1035, 1036, 2922, 2931, 2932, 3920, 3926, 4479, 4967 ; (*l*) 151, 152
– (in) waste water, polarographic, 2106, 3039
– – – – potentiometric, 4150
– – water, polarographic, 1033, 1130, 4019
– – – potentiometric, 1130
– zero charge point, 1772, 2720, 4963, 5918
– alloys, corrosion, 2827
– – – inhibition, review, 5942
– – electrodeposition, review, 4475
– aluminum, electrolytic (*l*), 677
– – oxide calcium oxide, electrocapillarity (*l*), 831
– – silicon, electrolytic (*l*), 677
– amalgam, anodic behavior, 1805, 1806
– – electrode, isotopes exchange (on), 144
– – – kinetics, 1937
– – galvanostatic, 1792
– – reaction (with) copper (II) glycolate, (by) impedance measurements, 1797
– antimony, potentiometric, thermodynamics (*l*), 5247
– bismuth, electrodeposition, 2451
– borosulfide, cathode (for) batteries, discharge, 1841
– (I) bromide, potentiometric, thermodynamics (*s*), 4167
– (II) bromide, complexes, conductometric, 4405
– cadmium, electrolytic, 1561
– (I) chloride, conductometric (*s*), 5251, 5504
– (II) chloride, conductometric, 4158
– (I) chloride, thermoelectric tension (*s*), 5251, 5504
– – – transport numbers (*s*), 5504
– (II) chloride, complexes, conductometric, 4403
– – complexes, adsorption (on) mercury dropping, 5094
– – – amperometric, 2108, 2206, 2207, 3152, 5192
– – – association, 437
– (I) complexes, cathodic behavior, 2110
– (II) complexes, cathodic behavior, 1135, 1136, 2107, 2108, 2109, 2110, 2111, 3049, 3050, 4032, 4033, 4034, 4036, 5092, 5094
– complexes, conductometric, 5505 ; (*s*) 5507
– (I) complexes, conductometric, 617
– (II) complexes, conductometric, 436, 443, 617, 619, 620, 621, 622, 1516, 2415, 3415, 3930, 4404, 5192, 5506 ; (*s*) 623
– – – coulometric, 154
– (I) complexes, diffusion, 4968
– complexes, electrophoretic, 745
– (II) complexes, electrophoretic, 1616, 2250, 2512, 3210, 3558
– (I) complexes, formation, 5252
– (II) complexes, formation, 439, 2111, 2253, 4183, 5263, 5264, 5890
– complexes, polarographic, 3044, 3045, 4030, 5091, 5093
Copper (I) complexes, polarographic, 2110, 2111, 5090, 5095
– (II) complexes, polarographic, 154, 282, 325, 1135, 1136, 1137, 2107, 2108, 2109, 2110, 2111, 3046, 3047, 3048, 3049, 3050, 4032, 4033, 4034, 4035, 4036, 4037, 5092, 5094, 5095
– (I) complexes, potentiometric, 4158, 4169, 4968, 5252, 5253, 5254
– (II) complexes, potentiometric, 436, 437, 438, 439, 440, 441, 442, 443, 1298, 1299, 1300, 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1309, 2108, 2250, 2251, 2252, 2253, 2254, 3192, 3197, 3198, 3199, 3200, 3201, 3202, 3203, 3204, 3205, 3206, 3207, 3208, 3209, 3209, 3210, 3211, 3212, 3213, 4174, 4175, 4176, 4177, 4178, 4179, 4180, 4181, 4182, 4183, 4184, 4185, 5253, 5258, 5259, 5260, 5261, 5262, 5263, 5264, 5265, 5266, 5267, 5268, 5269, 5270, 5271, 5272, 5273, 5274, 5275, 5276, 5289
– complexes, stability, 4030
– (I) complexes, stability, 2110, 4968, 5090, 5254
– (II) complexes, stability, 436, 438, 439, 440, 441, 443, 1135, 1136, 1299, 1301, 1303, 1305, 1306, 1307, 1308, 1309, 2107, 2108, 2110, 2250, 2251, 2252, 2253, 2254, 3046, 3048, 3152, 3192, 3197, 3198, 3199, 3201, 3202, 3203, 3205, 3206, 3207, 3208, 3209, 3210, 3211, 3212, 3213, 3558, 4175, 4176, 4178, 4179, 4180, 4181, 4182, 4184, 5258, 5259, 5260, 5261, 5262, 5266, 5268, 5269, 5271, 5272, 5273, 5274, 5275, 5276, 5289
– (I) complexes, thermodynamics, 4169
– (II) complexes, thermodynamics, 442, 1137, 1302, 3192, 3206, 3046 3213, 4174, 5269
– (I) complexes, voltammetric, 147, 4968
– (II) complexes, voltammetric, 139, 147, 148, 154, 1038, 2109, 3930
– (III) complexes, voltammetric, 148
– compounds, cathodic behavior, voltammetric, 4966
– copper (II) interphase, Peltier heat, 967
– – (I) oxide, redox electric tension, 5250
– (II) dialkyldithiocarbamates, anodic behavior, 3929
– – oxidation inhibitors, polarographic, 4031
– – – voltammetric, 3929
– formate, cathodic behavior, polarographic, 3040
– – – potentiometric, thermodynamics, 5256
– germanium, potentiometric, thermodynamics (*l*), 4166, 5248
– (II) glycolate, reaction (with) copper amalgam, (by) impedance measurements, 1797
– gold, anodic behavior, 5945
– heteropolyacids, electrolytic, polarographic, potentiometric, 3041
– hydride, voltammetric, 4966
– (II) hydroxide, solubility, 4115
– (I) iodide cesium iodide, potentiometric, thermocell, thermodynamics (*l*), 3181

Copper (I) iodide potassium iodide, potentiometric, thermocell, thermodynamics (*l*), 3181
– – – rubidium iodide, potentiometric, thermocell, thermodynamics (*l*), 3181
– – – sodium iodide, potentiometric, thermocell, thermodynamics (*l*), 3181
– iron, potentiometric, thermodynamics, 1294
– – sulfide, conductometric (*s*), 3413
– lead, corrosion, 2926
– – potentiometric, thermodynamics (*l*), 5247
– – – voltammetric, 2926
– – amalgam, anodic behavior, voltammetric, 4965
– – zinc, corrosion, 5946
– manganese nickel, electrodeposition, 5270
– nickel, activity (*s*), 2249
– – anodic behavior, 2927
– – electrode, cathodic behavior, 1825
– – electrodeposition, 4477, 5587
– – galvanostatic, 2927
– – potentiometric, thermodynamics, 1295, 2249
– – matte, anodic behavior, electrolytic, 2449
– (II) nitrate, conductometric, 4158
– organoderivatives, polarographic, 4028, 4029
– oxide, cathodic behavior, 143
– (II) oxide, decomposition, conductometric (s), 618
– – – suspensions, voltammetric, 4969
– (I) oxide copper, redox electric tension, 5250
– (II) oxide nickel (II) oxide, potentiometric, thermodynamics (*s*), 3196
– – perchlorate, conductometric, 4158
– (I) perchlorate, polarographic, 4017
– (II) perchlorate, polarographic, 4017
– (I) perchlorate, voltammetric, 4017
– (II) perchlorate, voltammetric, 4017
– phthalocyanine, electrocatalyst, 4823
– – electrophoretic, 5689
– – films nonporous, photovoltaic effect, voltammetric, 1039
– – zeta electric tension, 5689
– – substituted, electrophoretic, zeta electric tension, 5689
– platinum electrode, electrocatalyst, overtension (on), 4822
– ruthenium, anodic behavior, electrolytic, 4478
– sea water, electric tension *vs* pH diagram, 4165
– silicon, electrolytic (*l*), 677
– (II) sulfate conductometric, 2414
– – – electrode, reference, 4172
– – – electrolytic, 940
– sulfide, adsorption (on), 1104
– (I) sulfide, anodic behavior, 146, 5882
– – – galvanostatic, 146
– – – potentiometric, 146, 5882
Copper (I) sulfide, voltammetric, 146
– – – copper (II) sulfide electrode, electric tension, 146
– sulfide iron sulfide nickel sulfide electrode, anodic behavior, 1807
– (II) sulfide lithium, fuel cell, 5934
– tin amalgam, anodic behavior, voltammetric, 4965
– zinc, electrodeposition, 141, 142
– – amalgam, anodic behavior, voltammetric, 4965
Cordierite, conductometric (*s*), 5559
Corn tissue, potassium (in), sodium (in), 2240
Cornecain, coulometric, potentiometric, 4574
Corrosion, cathodic protection criteria, 973
– electric tension, theory, 4897
– inhibition, review, 5941
– instrumentation, 120, 2911, 3793, 3902
– (by) linear polarization technique, 4807
– pitting, electric tension, theory, 1940
– rate(s), (by) tracers radioactive, 83
– technique, 83, 1082
– theory, 81, 972, 2827, 3870, 4898
– voltammetric, 3822
Corundum derivatives, conductometric, electrolyte (for) galvanic cells (*s*), 1523
Corypalline, anodic behavior, 2897
Cotton, calcium (in), magnesium (in), 1321
– nitrate (in), 2301
– streaming electric tension, 4794
Coulochromatography, instrumentation, 112, 724
Coulometer(s), detectors (for) chromatography liquid, 112
– errors, 1606
Coulometry (in) acetic acid, 3533
– – – – trifluoro–, 245
– – – anhydride, 381, 3533
– – – – trifluoro–, 245
– acetonitrile, 219, 245, 254, 260, 1095, 1120, 2084, 2995, 2998, 3009, 3010, 3121, 4570, 5040, 5108
– – benzene, 219
– – – nitro–, 245
– – benzonitrile, 232, 245
– – butanoic acid hydroxy– lactone, 2969
– – – – nitrile, 245
– – dimethylsulfoxide, 3121, 4011, 5014
– – ethanol, 335
– – formamide dimethyl–, 2073, 2186, 3121, 4008, 5014
– – hexamethylphosphoramide, 2040
– instrumentation, 24, 59, 92, 100, 110, 112, 730, 980, 1002, 1003, 1004, 1424, 1916, 1960, 1964, 2898, 3535, 3547, 4557, 4563, 4571, 4930, 4931, 4932, 4933, 5676, 5677
– (in) lithium chloride potassium chloride (*l*), 1098
– – methane dichloro–, 219, 245, 2995, 2998
– – – nitro–, 245, 3976
– – methanol, 154
– – potassium chloride lithium chloride (*l*), 1098
– – propionitrile, 245

Coulometry, review, 3539, 4556
– (in) sodium bromoaluminate (*l*), (in) sodium chloroaluminate (*l*), 475
– technique, 1964, 2501, 4557, 4567
– theory, 24, 59
Coumarin, adsorption (on) bismuth, 5824
Coumarinic acid, lactonization, potentiometric, 5446
Covellite, potentiometric, sulfur fugacity (in), 1384
Creatine kinase, activity, conductometric, 3466
– – rat myocardium, electrophoretic, 5769
Creatinine electrode selective, potentiometric, 3364
– voltammetric, 5065
Cresol, *see* Toluene hydroxy–
Cresoxide, *see* Toluene oxide hydroxy–
Cross–correlation function technique (in) electrochemistry, 1875
Crotonaldehyde, *see* Butenal
Crotonic acid, *see* Butenoic acid
iso–Crotonic acid, *see* Butenoic acid
Cryolite, aluminum solubility (in) (*l*), 473
– conductometric (*l*), 4385
– solvent (for) conductometry (*l*), 1524
– – – electrolysis (*l*), 677
– – – potentiometry (*l*), 473, 4223
– thermodynamics (*l*), 4385
– aluminum oxide, conductometric (*l*), theory, 2851
– – – solvent (for) capacitance measurements (*l*), 5854
– – – – – potentiometry (*l*), 4223, 4285
– barium chloride, conductometric (*l*), 2404
Crystal(s) nematic liquid, conductance, theory, review, 3840
– organic, electron transfer, saturation current, 899
– violet, reaction (with) free radicals, redox electric tension, 4349
– – leuco, anodic behavior, 1602
Crystallin, acidic chains, electrophoretic, 1675
Crytur electrode(s), selective, calibration, 4171
– – – review, 4132
Cubanite, conductometric (*s*), 3413
Cumene, *see also* Benzene *iso*–propyl
– hydroperoxide, coulometric, 4569
– – potentiometric, 3317
Cumic aldehyde, *see* Benzaldehyde *iso*–propyl–
Cumyl peroxide, coulometric, 4569
Cuproine, complexes, polarographic, 4037
Curium (III), anodic behavior, electrolytic, 3507
– – electromigration, hydrolysis, 5881
– redox behavior, theory, 3230
Current follower(s), stability, 4902
– source(s), chemical, theory, 4880
– time curves, semiintegration, 5050
Cyanamide derivatives, coupling (with) aldehydes aliphatic, electrolytic, 703
Cyanate complexes, conductometric, 5528
Cyanide, anodic behavior, 3488, 5670
– conductometric (*s*), review, 4414
– coulometric, 4561, 5670
– electrode, selective, 1297, 3223
– – – review, 5332
– electrolytic, 3488
– (in) electroplating baths, potentiometric, 5257
– Gran plot computerized, 485
– poison (for) platinum, 1072
– polarographic, 1153, 1154
– potentiometric, 485, 1297, 1356, 1357, 5331
– – review, 5332
– voltammetric, 1072
– (in) waste water, polarographic, 1154
– – – – potentiometric, 1358
– complexes, formation 5252
– – polarographic, 3102
– – potentiometric, 3323, 4207, 5252, 5254
– – stability, 4207, 5254
Cyanine dyes, polarographic, redox electric tension, 5075
Cyanoethylated compounds, complexes, conductometric, 5519
Cyanuric acid, (in) waste water, polarographic, 5156
– triazide, polarographic, 2201
Cyclases, electrophoretic, 2636
Cyclobarbital, electrophoretic, 5704
Cyclobutadiene benzo–, *see* Benzocyclobutadiene
– napthoquinone precursors, anodic behavior, thermodynamics, voltammetric, 4001
Cyclobutane derivatives, electrosynthesis, 2487
Cyclotutene benzo–, *see* Benzocyclobutene
– dicarbomethoxy–, electrosynthesis, 3517
Cyclododecanone oxime, amperometric, 4127
Cycloheptatriene, anodic behavior, voltammetric, 5017
Cyclohexadiene, dehydrogenation, electrolytic, 2485
Cyclohexadienyl radicals, polarographic, 5147
– hydroxy– radicals, anodic behavior, cathodic behavior, voltammetric, 4002
Cyclohexane, solvent (for) conductometry, 5478
– diamine, substituted, diffusion, 1127
– – – electrode reaction, 1814
– – – reaction (with) hydroxyl radicals, polarographic, 1127
– – – complexes, cathodic behavior, 2133
– – – – diffusion, 1127
– – – – electrophoretic, 1620
– – – – polarographic, 1127, 2133, 5100
– – – – reaction (with) hydroxyl radicals, polarographic, 1127
– – – – stability, 1620, 2133
– hexachloro–, polarographic, 3111
Cyclohexanedione complexes, stability, voltammetric, 5033
– dioxime, *see also* Nioxime
Cyclohexanol, adsorption (on) cadmium, 2712

Cyclohexanol, adsorption (on) mercury, 1765
– – – – dropping, 5103
Cyclohexanone, *see also* Pimelic ketone
– electrolytic, 3518
– butyl–, cathodic behavior, electrolytic, 1600
– complexes, conductometric, 1535
– derivatives, cathodic behavior, polarographic, 332
– methyl–, trimethyl–, cathodic behavior, electrolytic, 1600
Cyclohexaphosphine hexaphenyl–, cathodic behavior, polarographic, voltammetric, 2958
Cyclohexone, oxidation (by) osmium (VIII), 5636
– dicarboxylic acids, ionization, potentiometric, stereochemistry, 566
Cyclohexylamine, adsorption (on) mercury, 4733
– corrosion inhibitor, 4814
– potentiometric, 1448
Cyclohexylmethyl chromate, conductometric, hydrolysis, 2426
Cyclohexylphenyl sulfide, electrolytic, 2480
Cyclooctadiene, cathodic behavior, electrolytic, 712
– complexes, electrosynthesis, polarographic, 698
Cyclooctatetraene, cathodic behavior, polarographic, 3008
– radicals, polarographic, 5147
– voltammetric, 3008
– complexes, electrthosynesis, polarographic, 698
Cyclopentadiene complexes, anodic behavior, 1075, 4784
– – voltammetric, 1075
Cyclopentadienide complexes, polarographic, 3098
Cyclopentadienyl, anodic behavior, voltammetric, 3007
– complexes, anodic behavior, 4784
– – cathodic behavior, 3061, 3965, 5108, 5120
– – electrolytic, 1075
– – polarographic, 3061, 3965, 5107, 5120
– – voltammetric, 3965
– derivatives, anodic behavior, voltammetric, 3007
Cyclopentadithiophenone(s), electrolytic, 3530
Cyclopentane carboxylic acid, derivatives, electrolytic, 3520
Cyclopentanone methyl–, propyl–, cathodic behavior, electrolytic, 1600
Cyclopentaphosphine pentaphenyl–, cathodic behavior, polarographic, voltammetric, 2958
Cyclopentyl radicals, polarographic, 5147
Cyclopropane benzoylaryl–, derivatives, cathodic behavior, polarographic, 3110
– derivatives, electrosynthesis, 2487
Cyclopropane dibenzoyl–, dibenzoyldiphenyl–, dibenzoylphenyl–, cathodic behavior, polarographic, voltammetric, 2993
Cyclopropenium derivatives, potentiometric, 3348
Cyclotetramethylene tetranitramine, polarographic, 2201
– trinitramine, polarographic, 2201
Cysteine, coulometric, 740, 2509, 4573
– indicator (for) voltammetry *in vivo*, 264
– polarographic, 1200
– reaction (with) tin (II), polarographic, 4049
– (in) wool, amperometric, 1259
– complexes, polarographic, 271
– – potentiometric, 3247, 3303
– – stability, 3247
– desulfhydrase, *Salmonella typhimurium*, electrophoretic, 1702
– hydrochloride, coulometric, 5678
– – potentiometric, 3337, 5678
– seleno–, complexes, polarographic, 270
Cystine, coulometric, 740, 4573
– (in) wool, amperometric, 1259
– dibenzosulfonyl–, ionization, potentiometric, 4180
– – complexes, potentiometric, stability, 4180
– seleno–, complexes, polarographic, 1183
Cytidine nucleoside–nucleotide series, adsorption, association, cathodic behavior, 3736
Cytochrome, *Chromatium*, potentiometric, 3366
– electrophoretic, 1673
– *a*, *a*3, redox electric tension, 5454
– *b*, redox behavior, potentiometric, 1484
– *b*6, chloroplast, electric tension, 5455
– *c*, baker yeast, electrophoretic, 5810
– – *Nitrosomonas europaea*, electrophoretic, 3709
– – periplasmic, *Spirillum itersonii*, electrophoretic, 1726
– – potentiometric, S.E.T., 2377
– oxidase, *Pseudomonas aeruginosa*, electrophoretic, 2682
– *c* oxidase, baker yeast, electrophoretic, 5811
– – – potentiometric, 588
– peroxidase, *Pseudomonas aeruginosa*, electrophoretic, 3678
Cytoplasma membrane *Nitella flexilis*, electric tension, 2381
Cytosine complexes, potentiometric, stability, 5268
– nucleoside–nucleotide series, adsorption, association, cathodic behavior, 3736
– – phosphate, adsorption (on) mercury, cathodic behavior, 4739
Cytosol, reaction (with) cholanthrene methyl–tritiated, electrophoretic, 2527

Dairy products, benzonitrile hydroxyiodo–(in), nitroxynil (in), 1210
Daneks–50 membrane electrode, 5212
Data converters, electrochemical, 3907, 4827

DDT, anodic behavior, 5049
– polarographic, 3111
– voltammetric, 5049
Deactivation reactions, voltammetric, theory, 905
Deamidases, electrophoretic, 3659
Deaminases, electrophoretic, 2637, 3660
Deaquation overtension, 906
Decanediamine, ionization, potentiometric, 4314
Decanedioic acid, ionization, potentiometric, 3339
Decarboxylases, electrophoretic, 2638, 2639, 3661, 3662, 5781
Dehydratases, electrophoretic, 3663
Dehydrogenases, electrophoretic, 776, 777, 1697, 1698, 1699, 1700, 1701, 2549, 2634, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 3664, 3665, 3666, 4675, 4676, 4677, 4678, 5727, 5751, 5782, 5783
– blood, electrophoretic, 1697
– *Carassius auratus*, electrophoretic, 2645
Deorlene Light Yellow 4RL, electrophoretic, 3573
Deoxyribonuclease, *see* DNAase
Deoxyribonucleic acid, *see* DNA
Desacryl Yellow 5RL, electrophoretic, 3573
Desyl halide, *see* Benzyl phenyl ketone halo–
Detector(s) conductometric, (for) chromatography, 3891
– voltammetric, (for) chromatography, 2913
Deuterium, *see also* Hydrogen isotopes
– (I), diffusion, polarographic, 5083
– oxide, *see also* Heavy water
Dexedrine, *see* Amphetamine
Dextran ether, derivatives, potentiometric, 3346
Diacetate derivatives, complexes, polarographic, 5100
– imino–, complexes, conductometric, 4441
– – – ionization, polarographic, 3097
– – – potentiometric, stability, 1406, 2265
– oxy–, complexes, potentiometric, stability, 1406
– thiolo–, complexes, potentiometric, stability, 1406, 4176, 4239
– – – thermodynamics, 4239
Diacetic acid dithio–, substituted, complexes, potentiometric, stability, 5414
– – imino–, complexes, conductometric, 2430
– – – – electrophoretic, 5697
– – – potentiometric, stability, 3197
– – – derivatives, ionization, potentiometric, 1301
– – – – complexes, potentiometric, stability, 1301
– – oxy–, *see also* Diglycolic acid
– – – complexes, potentiometric, stability, 3286
– – substituted, complexes, cathodic behavior, 1136, 2109
– – – – electrophoretic, 2250
– – – – formation, 5104
– – – – ionization, 2250
Diacetic acid substituted, complexes, polarographic, 1136, 2109, 5104
– – – – potentiometric, 1317, 2250, 5104, 5414
– – – – stability, 1136, 1317, 2250, 5414
– – – – voltammetric, 2109
– – thiolooxy–, complexes, potentiometric, stability, 3286
Diacetone oxogluconic acid, electrosynthesis, 3515
– sorbose, electrosynthesis, 3515
Diacetyl bisanil, complexes, voltammetric, 3990
– bismethylimine, complexes, stability, voltammetric, 5033
– bisthiosemicarbazone, complexes, cathodic behavior, polarographic, 4034
– dioxime, ionization, polarographic, 331
Diacetylene dibenzoyl–, cathodic behavior, voltammetric, 5073
Dialkyl amine, derivatives, complexes, conductometric, 4445
– dithiophosphate, complexes, polarographic, 2118
Dialkylene triamine, complexes, conductometric, 621
Diallyl sulfone, electrosynthesis, 5638
Diamine(s) aromatic, electrophoretic, 2519
– – complexes, conductometric, 621
Dian, polarographic, 1213, 2202
Dianisole, coulometric, voltammetric, 245
Diazaindoline, derivatives, polarographic, 363
Diazanonanedioic acid amide, diethylamide, complexes, potentiometric, 4185
Diazepam, polarographic, 377
– desmethyl–, polarographic, 4104
Diazepine benzo–, derivatives, polarographic, 1226
Diazoanthracene derivatives, cathodic behavior, hydrolysis, polarographic, 339
Diazocine derivatives, cathodic behavior, electrolytic, 4546
Diazodinitrophenol, polarographic, 2201
Diazonaphthalene derivatives, cathodic behavior, hydrolysis, polarographic, 339
Diazonaphthol(s), cathodic behavior, polarographic, 346
– derivatives, ionization, potentiometric, 3351
Diazoniapentaphene derivatives, anodic behavior, cathodic behavior, polarographic, voltammetric, 336
Diazonium salts, amperometric, 2218
Diazophenanthrene derivatives, cathodic behavior, hydrolysis, polarographic, 339
Diazopyrene derivatives, anodic behavior, cathodic behavior, polarographic, voltammetric, 336
Diazotetrabenzocyclododecene, cathodic behavior, electrolytic, 4546
Dibazole, electrophoretic, 4607
Dibenzhydryl sulfone, electrosynthesis, 5638

Dibenzo–18–crown–6 membrane liquid, conductometric, ionic transport (through), 4462
– – complexes, association, 1503, 3402
– – conductometric, 1503, 3402, 5495
– – complexes, polarographic, 1029, 2100
– – stability, 5495
– – voltammetric, 1029
– diamino–, dinitro–, complexes, conductometric, stability, 5495
Dibenzoic acid thiolo–, derivatives, anodic behavior, voltammetric, 5015
Dibenzopyrrole, *see* Carbazole
Dibenzothiepin, anodic behavior, cathodic behavior, voltammetric, 5061
Dibenzothiophene, anodic behavior, 2087, 5061
– cathodic behavior, 5061
– voltammetric, 2087, 5061
Dibenzyl, *see* Ethane diphenyl–
Dibutyl amine, amperometric, 4123
– – anodic behavior, 5053
– – potentiometric, 1448, 3331
– – reaction (with) benzyl thiocyanate, 4313
– – voltammetric, 5053
– – complexes, polarographic, 5093
– – derivatives, complexes, polarographic, 5138
– diaziridinone, electrolytic, voltammetric, 3531
– sulfone, electrosynthesis, 5638
Dicaine, electrophoretic, 4606
Dicarbollide complexes, polarographic, 3098
Dicarboxylic acid(s), potentiometric, 4316
– – aliphatic, polarographic, potentiometric, 1194
– – aromatic, ethers, polarographic, 352
Dichromate, *see also* Chromium (VI)
– activity, 1398
– amperometry, 1254, 4118
– cathodic behavior, 2967
– electrolytic, 5581
– electrophoretic, mobility, 744
– potentiometric, 927, 928, 1254, 1398, 3228, 3262, 4286
– voltammetric, 2967
Dicyclohexyl–18–crown–6 complexes, adsorption (on) mercury dropping, 5110
– – – – association, 1503, 3402
– – cathodic behavior, 1151, 5110
– – chronocoulometric, 5110
– – conductometric, 1503, 3402
– – polarographic, 1151, 5110
Dicyclohexyl peroxide, derivatives, potentiometric, 3317
– peroxydicarbonate, polarographic, 5150
Dicyclooctadiene derivatives, electrosynthesis, 3519
Dielectrometry, analytical applications, 3382
Diethanolamine, *see also* Diethyldihydroxyamine
– conductometric, 1541
– ionization, 1447, 1541
– potentiometric, 1447
Diethanolamine complexes, cathodic behavior, polarographic, 1135
– – potentiometric, 4194, 5413
– – stability, 1135, 5413
Diethazine, (in) blood, voltammetric, 5077
Diethyl amine, amperometric, 4123
– – potentiometric, 1448, 3371, 5384, 5426
– – reaction (with) benzyl thiocyanate, potentiometric, 4313
– – complexes, polarographic, 5093
– – derivatives, complexes, formation, 439
– – – – polarographic, 5138
– – diamino–, complexes, potentiometric, stability, 439, 4312
– barbiturate, complexes, polarographic, stability, 3048
– dihydroxyamine, *see also* Diethanolamine
– dithiocarbamate, anodic behavior, dimerization, voltammetric, 241
– – complexes, coulometric, electrolytic, 219
– – – voltammetric, 219, 1038
– ether, conductometric, 628
– – phosphoric acid, conductometric, 1533
– fumarate radical, dimerization, 5906
– hexylamine, potentiometric, 5427
– itaconate copolymers sulfonated, potentiometric, 567
– ketone, *see* Pentanone
Diethylene glycol, adsorption (on) mercury, 3731
– – electrolytic, fluorination, 1595
– – solvent (for) electrocapillarity measurements, 5839
– – – – potentiometry, 533
– – – – voltammetry, 2053
– triamine, complexes, conductometric, 4404
– – – polarographic, 4030, 5100
– – – potentiometric, 3197, 4217
– – – stability, 3197, 4030
– – derivatives, complexes, conductometric, 4404
– – substituted, complexes, polarographic, 1152, 5128
– – – – reaction (with) zirconium (IV), electrophoretic, 2515
– – – – stability, 1152
Diferrocene derivatives, voltammetric, 5035
Diferrocenylene derivatives, voltammetric, 5035
Diffusion boundary, theory 3842
– coefficients, conductometric, 2850
– electric tension, *see also* Junction electric tension
– (*l*), review, 908
– theory, 7
Difuryl diketone oxime, derivatives, cathodic behavior, voltammetric, 2083
Digenite, potentiometric, sulfur fugacity (in), 1384
Digestion anaerobic, monitoring, electrolytic, potentiometric, 1479
Diglutaric acid substituted, complexes, polarographic, stability, 3067
Diglycine, *see* Glycine glycyl–

Diglycolic acid, *see* Diacetic acid oxy–
– – thio–, *see* Diacetic acid thiolooxy–
Diglyme, solvent (for) polarography, 1128
Diguanide, complexes, conductometric, 2430, 5552
– – stability, 5552
Diguanidine, complexes, conductometric, 3443
Dihydrogen phosphate, association, ionization, potentiometric, 2303
– – hydrogen phosphate, buffer, 1449
Diimine derivatives, complexes, anodic behavior, cathodic behavior, voltammetric, 3989
Diketone(s) complexes, cathodic behavior, polarographic, voltammetric, 5129
Dimalonic acid substituted, complexes, polarographic, 1159, 1180, 2120, 3067
– – – – potentiostatic, 2120
– – – – stability, 1159, 1180, 2120, 3067
Dimerization mechanisms, chronoamperometric, 5856
– – theory, voltammetric, 905
Dimethyl amine, amperometric, 4123
– – polarographic, 1187
– – complexes, polarographic, 5093
– – derivatives, complexes, polarographic, 5138
– decanedioate, electrosynthesis, 2484
– dioxime, ionization, polarographic, 331
– disulfide, (in) turpentine water, potentiometric, 4278
– dithioarsinate, complexes, polarographic, 2118
– dithiophosphate, complexes, polarographic, 2118
– ethyl carbinol, hydrogenation, 4707
– fumarate, cathodic behavior, 3003
– – coupling (with) acrylonitrile, (with) cinnamonitrile, coulometric, 2073
– – hydrodimerization, 2073, 3003
– – radical, dimerization, 5906
– – voltammetric, 2073, 3003
– glyoxal, *see also* Butanedione
– glyoxime, cathodic behavior, 31
– – ionization, 331
– – polarographic, 31, 331
– – voltammetric, 31
– – complexes, conductometric, 2430
– ketone, *see also* Acetone
– – solvent (for) potentiometry, 4332
– octylamine, conductometric, 3411
– sulfide, conductometric, 107
– – (in) turpentine water, potentiometric, 4278
– – complexes, cathodic behavior, polarographic, 4077
– sulfite, solvent (for) electrolysis, 3473, 3481
– sulfone, solvent (for) potentiometry, voltammetry, 2922
– – dicarbomethoxy–, electrosynthesis, 5638
– sulfoxide, acidity (in), 2350
– – conductometric, 107, 3411
Dimethyl sulfoxide, solvent (for) chronopotentiometry, 3752, 5014
– – – – conductometry, 594, 627, 1520, 1538, 1550, 4444, 5487, 5514
– – – – coulometry, 3121, 4011, 5014
– – – – electrochemistry, 671, 846, 855, 1804, 3919
– – – – electrolysis, 3018, 3502, 3509, 5013
– – – – polarography, 272, 1128, 1141, 2061, 3018, 3100, 3121, 3944, 4071, 4091, 5084, 5105, 5129, 5133, 5487
– – – – potentiometry, 504, 575, 1313, 1316, 1364, 2061, 2246, 2258, 2331, 2350, 2368, 3225, 3336, 3337, 3343, 4136, 4137, 4313, 5229, 5253, 5382, 5383
– – – – transport numbers measurements, 594
– – – – voltammetry, 169, 210, 1316, 2061, 3007, 3018, 3094, 3920, 3940, 3944, 4003, 4011, 5013, 5014, 5050, 5074, 5129
– – complexes, cathodic behavior, 4077
– – – conductometric, 4442, 5514, 5536
– – – polarographic, 4077
– – – potentiometric, stability, 1437
Dinitriles, cathodic behavior, 705
Dinitro compounds organic, electron transfer, thermodynamics, 249
– – – voltammetric, 30, 249
Dinol, polarographic, 2201
Dioctyl sulfoxide, potentiometric, 2889
– – solvent (for) electrolysis, 5634
– – complexes, conductometric, disproportionation, 2427
Diol(s), electrolytic, fluorination, 1595
Dioleyl phosphate membrane, current, electric tension, resistance, 3377
Dioxane, acidity (in), 4139
– electrolytic, fluorination, 1595
– mobility (in), 744
– radicals, polarographic, 5147
– solvent (for) conductometry, 596, 1504, 1512, 1513, 1514, 2396, 3458, 4396, 4460
– – – electrolysis, 704, 719
– – – electrophoresis, 5703
– – – polarography, 322, 719, 1141, 1198, 3112, 5129
– – – potentiometry, 412, 523, 581, 583, 1409, 1447, 1473, 2257, 2259, 2268, 2289, 3201, 3202, 3325, 3332, 3333, 3357, 3963, 4139, 4180, 4181, 4184, 4288, 4344, 5260, 5271, 5273, 5274, 5377
– – – voltammetry, 3963, 5129
– benzo–, *see* Benzodioxane
– complexes, potentiometric, 403
– derivatives, hydrolysis, polarographic, 3112
– perfluoro–, electrosynthesis, 1595
– water, surface electric tension, 403
Dioxolane, conductometric, polymerization, 659
– phenyl–, hydrolysis, polarographic, 3112
Di-*iso*-pentyl methyl phosphonate, complexes, conductometric, disproportionation, 2427

Dipentanedioic acid substituted, complexes, polarographic, 1159, 1180, 2120, 3067
– – – – potentiostatic, 2120
– – – – stability, 1159, 1180, 2120, 3069
Diperchlorate sulfate, electrosynthesis, 3495
Diphenacyl sulfone, electrosynthesis, 5638
Diphenol, anodic behavior, 4992
– electrolytic, 4536
– ionization, potentiometric, 3328
– voltammetric, 4992
– derivatives, ionization, 2367
– – polarographic, 5136
– – potentiometric, 2367
– – complexes, polarographic, 5136
– – – potentiometric, 1401
– ether, ionization, potentiometric, 3328
– oxidase, Georgian tea, electrophoretic, 781
– sulfonyl–, sulfonyldinitro–, potentiometric, 5440
Diphenyl–, basicity, potentiometric, 405
– amine amino–, anodic behavior, voltammetric, 247
– – derivatives, electrosynthesis, 5655
– – diamino–, anodic behavior, voltammetric, 2077
– – dicarboxylic acids, complexes, potentiometric, stability, 3275
– – hexanitro–, polarographic, 2201
– – nitro–, derivatives, conductometric, ionization, 573
– – substituted, anodic behavior, cyclization, electrolytic, 5656
– chloro–, derivatives, conductometric, 1546
– complexes, anodic behavior, voltammetric, 3969
– derivatives, anodic behavior, 3007
– – electrochemiluminescence, 3023
– – voltammetric, 3007, 3023
– diamine, electrode selective, potentiometric, 2372
– diamino–, *see* Benzidine
– dihydroxy–, *see* Diphenol
– diketone oxime, derivatives, cathodic behavior, voltammetric, 2083
– dimethoxy–, *see* Dianisole
– ether, anodic behavior, electrolytic, 4547
– ketone, *see* Benzophenone
– methoxy–, derivatives, anodic behavior, voltammetric, 5060
– nitro–, derivatives, cathodic behavior, 3118
– – – electrosynthesis, 3777
– – – polarographic, 3118
– nitrobenzyl phosphate, cathodic behavior, coulometric, polarographic, voltammetric, 2084
– picrylhydrazyl–, anodic behavior, cathodic behavior, electrolytic, voltammetric, 5069
– polychlorinated derivatives, voltammetric, 4015
– sulfone, cathodic behavior, voltammetric, 4003
– – chlorodihydroxy–, ionization, potentiometric, 3328
Diphenyl sulfone, nitrohydroxy–, derivatives, potentiometric, 4332
– sulfoximine, derivatives, cathodic behavior, 343, 344
– – – electrolytic, 343
– – – polarographic, 343, 344
Diphenylene, coulometric, radicalization, voltammetric, 3010
– derivatives, polarographic, 2992
– imine, *see* Carbazole
– tetramethoxy–, coulometric, radicalization, voltammetric, 3010
Diphosphoglycerate, ionization, potentiometric, 422
– complexes, potentiometric, 422
– mutase, human erythrocytes, electrophoretic, 3674
Diphosphoinositide membrane(s), conductometric, 665
Dipicolinate complexes, potentiometric, stability, 3260
Dipicolyl amine, complexes, potentiometric, stability, 3197
Dipropargyl itaconate, polarographic, polymerization, 2169
Dipropionate thio–, complexes, polarographic, stability, thermodynamics, 4041
Dipropyl amine, amperometric, 4123
– – diamino–, complexes, formation, potentiometric, stability, 439
Di–*iso*–propylamino ethanethiol, complexes, conductometric, potentiometric, stability, thermodynamics, 3304
Dipropyl sulfide, solvent (for) conductometry, 1538
– – complexes, conductometric, 1538
Dipropylene triamine, complexes, conductometric, 3447
Dipicryl amine, *see* Diphenyl amine hexanitro–
Dipyridine complexes, adsorption (on) mercury, 165
– – cathodic behavior, 2150, 5019
– – conductometric, 3431, 5537
– – electrochemical behavior, 1815
– – polarographic, 2150, 4055
– – voltammetric, 165, 5019
– dichloro–, complexes, cathodic behavior, 5897
– oxide, complexes, conductometric, 2419, 5543
Dipyridyl, adsorption (on) mercury, 289
– polarographic, 3130
– amine, complexes, conductometric, 4412
– complexes, conductometric, 3430, 3443
– – coulometric, electrochemiluminescence, 1095
– – electrophoretic, 5699
– – formation, 5263
– – polarographic, 289, 5139
– – potentiometric, 4217, 5263, 5411
– – redox behavior, 1095
– – stability, 5411
– – voltammetric, 1095, 2060, 5043

Dipyridyl derivatives, polarographic, 385, 3130
– – complexes, cathodic behavior, polarographic, 4071
– diketone oxime, derivatives, cathodic behavior, voltammetric, 2083
– ethylene, derivatives, polarographic, 358
– ketone, complexes, conductometric, 4444
Dipyridylium, cathodic behavior, voltammetric, 4007
Di–*iso*–quinolinium dications, cathodic behavior, electrochemiluminescence, polarographic, potentiometric, 3132
Diquinoxalyl, potentiometric, 5336
Disaccharides, electrophoretic, 2523
Disamide, potentiometric, 3337
Dismutases, electrophoretic, 1703, 4679
Disproportionation reactions, chronopotentiometric, 2864
– – theory, voltammetric, 905
Disuccinic acid substituted, complexes, polarographic, 1159, 1180, 2120, 3067
– – – – potentiostatic, 2120
– – – – stability, 1159, 1180, 2120, 3067
Disulfide(s), (in) beer, amperometric, 2212
– cathodic behavior, 4058
– electrophoretic, 2520
– groups, (in) dough, (in) flour, amperometric, 1252
– – – proteins, amperometric, 3163
– – – wool, amperometric, 1259
– polarographic, 4058
Disulfiran, coulometric, 4573
Disulfuric acid, conductometric, ionization, 1987
Dithienothiophene dioxide, electrolytic, 3530
Dithienyl dinitro–, cathodic behavior, 2481
Dithiocarbamate, (in) plants, polarographic, review, 2168
– complexes, conductometric, 4435
– – polarographic, 3045, 5082, 5093, 5138
– dialkyl–, complexes, cathodic behavior, electrolytic, polarographic, voltammetric, 5107
Dithiocarbonate complexes, cathodic behavior, polarographic, 5120
Dithiol complexes, potentiometric, stability, 5397
– thione methyl–, cathodic behavior, 4786
Dithiolate complexes, conductometric (*s*), 5507
Dithiolene complexes, anodic behavior, cathodic behavior, voltammetric, 3989
– derivatives, complexes, voltammetric, 3990
Dithiolylium diaryl–, cathodic behavior, coulometric, voltammetric, 2998
Dithionite sulfite, redox electric tension, 1390
Dithiooxamide complexes, conductometric, polarographic, 5140
– derivatives, complexes, conductometric, polarographic, 5140
Dithioxane complexes, ionization, potentiometric, 5420
Dithiophosphate complexes, cathodic behavior, polarographic, 5120
Dithiothreitol, anodic behavior, polarographic, 273
– complexes, polarographic, stability, 1142
Dithizone, cathodic behavior, polarographic, voltammetric, 5072
Ditosyl derivatives, electrolytic, polarographic, 342
DNA, adsorption (on) mercury, 265, 1231, 2091, 2092, 2719, 5841
– – – – dropping, 4102
– cathodic behavior, 2091, 2092, 4102
– conductometric, 2438
– electrophoretic, 2672, 3707
– polarographic, 1231, 2092, 4102
– reaction (with) lysozyme, (with) RNAase, conductometric, 3445
– sea urchin sperm, electrophoretic, 1730
– simian virus, electrophoretic, 1731
– viral, electrophoretic, 5802
– voltammetric, 265, 2091, 2092
DNAase, electrophoretic, 2648
– animal tissues, electrophoretic, 2665
– avian myeloblastosis virus, electrophoretic, 3689
– human cerebrospinal fluid, electrophoretic, 2648
Dodecane diamine, ionization, potentiometric, 4314
Dodecanoic acid, *see also* Lauric acid
Dodecanol polyglycol ether, adsorption (on) mercury dropping, polarographic, 5148
Dodecyl amine, potentiometric, 1448
– sulfate electrode, selective, 3329, 5365
Dolomite iron (in), manganese (in), 312
Donnan potential, theory, 1901
Dopa, *see also* Alanine dihydroxyphenyl–
– anodic behavior, 2760
– (in) blood, voltammetric, 5077
– ionization, potentiometric, protolysis, 2367
– voltammetric, 1105
– decarboxylase, electrophoretic, 2638
– methyl–, (in) blood, voltammetric, 5077
Dopamine, anodic behavior, 2760
– electrophoretic, 2529
– ionization, potentiometric, protolysis, 2367
– voltammetric, 1122
– hydroxylase, bovine adrenal glands, electrophoretic, 4682
– metabolism products, voltammetric, 1122
– methoxy–, anodic behavior, voltammetric, 250
Dosulepin chloride, potentiometric, 4350
Double layer adsorption, theory, 1923
– – capacitance, equivalent circuits, 1926
– – polarization, 957
– – review, 2685 ; (*l*) 908
– – theory, 66, 67, 68, 942, 943, 957, 958, 1869, 1922, 1925, 1926, 2859, 3859
– – – review, 3856
Dough, disulfides (in), sulfhydryls (in), 1252
Drendrites growth, theory, 4881

Drugs, (in) biological fluids, polarographic, 4111
– – blood, voltammetric, 5077
– bromide (in), chloride (in), iodide (in), 1417
– nitrogen (in), 1250
Durene, *see* Benzene tetramethyl–
Dyes, adsorption (on) silver bromide, (on) silver chloride, 1861
– chloride (in), 5391
– diffusion coefficients, 5179
– electrophoretic, 3573
– potentiometric, 572
– reaction (with) free radicals, (with) glycine radicals, (with) methanol radicals, (with) riboflavin radicals, 4349
– sulfate (in), 5364
Dysprosium, anodic behavior, 3771
– (III), complexes, conductometric, 3427, 3428, 5523
– – – formation, 5322
– – – potentiometric, 479, 1348, 2287, 2289, 3260, 4235, 5322, 5323, 5326
– – – stability, 479, 1348, 2287, 2289, 2289, 3260, 5523
– – – thermodynamics, 5322, 5326
– iodide, conductometric, (*l*), 640
– perchlorate, complexes, conductometric, 4425
– zinc, corrosion, 4816

EC mechanism(s), chronoamperometric, theory, 5856
– – (by) finite element method, 4792
ECE mechanism(s), chronoamperometric, 2864, 5856
– – theory, 905, 3811, 5856
– – voltammetric, 905
EDE-10P membrane cation–exchange, electric tension stability, 2846
Eggs, *Helminth contortus*, surface electric tension, 5473
– (in) pastries, electrophoretic, 2553
– white, (in) meat, electrophoretic, 2602
Einstenium, redox behavior, theory, 3230
Electric field(s), optimization, theory, 3813
– tension decay, technique, 1805
– – maintainance, instrumentation, 102
– – *vs* pH diagram, computerization, 44
– – pulsed, instrumentation, 1948
– transport theory, 1871
Electrocapillarity measurements (in) butanol, 795
– – – cesium chloride sodium chloride (*l*), 2732
– – – diethylene glycol, 5839
– – – formamide dimethyl–, (in) methane tetrachloro–, 3860
– – – potassium hexafluorophosphate, 814
– – – sodium chloride cesium chloride (*l*), 2732
Electrocatalysis, instrumentation, 3909
Electrochemical cells, number line concept (in), redox equilibria, 2222
– oscillation, technique, 891
Electrochemical oscillator(s), theory, 2769, 2770
Electrochemiluminescence measurements (in) acetonitrile, 863, 5876
– – – formamide dimethyl–, 5876
– – – furan tetrahydro–, 5873
– – – methane dichloro–, 5876
– theory, review, 1887
Electrochemistry, digital simulation, 3814
– instrumentation, 89, 90, 1878, 1949, 1967, 1968, 2909, 2910, 2911, 4004; (*s*) 2796
– review, 2773, 2796, 2869; (*l*) 908; (*s*) 2796
– theory, 2869; (*s*) 2796
– teaching programs, 1868, 2822
– thin–layer, instrumentation, 118
Electrochromatography, instrumentation, 1965
Electrocrystallization, review, 2443
– theory, 54, 936, 937, 938, 3849
Electrode(s), adsorption (on), theory, 953, 954
– bending vibrations, 2790
– (for) biology *in vivo*, 3167
– capacitance differential, (by) galvanostatic technique, 5842
– – – impedance technique, 5843
– – instrumentation, 2861
– – (by) polarography, 5851
– – theory, 2861
– cermet, capacitance, 2725
– – theory, 1927
– charge–transfer resistance, 5842
– – – theory, 4836, 5842
– coaxial multibarrelled, (for) electrophoresis, 1961
– conical, capacitive current, faradaic current, 69
– diffusion, theory, 18, 897
– disc, capacitive current, faradaic current, 69
– – current distribution, theory, 901
– – kinetics, errors, 2809
– – transient response, theory, 2806, 2807, 2808, 4841
– double layer, review, 2863
– – – theory, 959, 2863
– – ring, theory, 2804
– EC reactions, (by) finite element method, 4792
– elastic charging, 2790
– electric tension absolute, theory, 4864
– electrons transfer (on), theory, 11, 19
– electroreflectance, theory, 954
– flow–through, radial mass transport, 2803
– – theory, 22, 2803
– – (for) voltammetry, 213
– heterogeneous, impedance, theory, 4993, 4994
– – processes, theory, 897
– hydrophobic capillary, equilibrium, theory, 1942
– – moistening, 5927
– – theory, 1942, 2813
– impedance, theory, 77, 953

Electrode, irradiated, reactions, theory, 1886
– liquid membrane (for) potentiometry, 3177, 5211
– – – selectivity parameters, 430
– many electrons reactions (on), 823
– mass transport, theory, 959
– optically transparent, review, 1829
– phase-charge effects (in) electrolysis, 1554
– planar, adsorption (on), theory, 62
– polarization, theory, 77
– porous, bipolar, theory, 2810
– – capacitance, theory, 2862
– – convection, theory, 940
– – flooded (with) reactant sparingly soluble, theory, 2811
– – theory, 14, 84, 940, 2810, 2811, 2862
– processes, *see also* Electrode processes kinetics
– – computerization, 1876
– – – review, 1798, 1799
– – digital simulation, 1876, 3910
– – (with) electronic excitations, theory, 969
– – – intermediate chemical reactions, theory, review, 896
– – irreversible, theory, 7
– – kinetics, *see also* Electrode(s) processes
– – – adsorption effect (on), theory, 3853
– – – theory, 22, 23, 1892, 1931, 1937, 4861
– – (with) subsequent chemical reactions, theory, review, 896
– – theory, 9, 19, 35, 896, 1914, 3815, 3866, 4837, 4860, 4892
– – tunnelling effect, theory, 4840
– – uncompensated resistance effect (on), theory, 3042
– protons discharge (on), theory, 5
– reactions, *see* Electrode(s) processes
– redox, exchange current, theory, 3821
– – processes, theory, 2802, 4853
– reference (for) electrochemistry (*l*), review, 908
– – – potentiometry (*l*), 4285
– ring, theory, 901
– – disc, theory, 900, 2823
– rotating (for) voltammetry, review, 4941
– – disc, diffusion (on), 1884
– – – flow instability, 3874
– – – mass transport, 2805
– – – processes, theory, 21, 73, 1885, 1920, 2823, 4842, 4855
– – – technique, 2875
– – – Washburn impedance, theory, 4896
– – ring-disc, digital simulation, 1882
– – – processes, theory, 902
– – – rotation rate monitoring, 3873
– – spherical, current distribution (on), 3817
– selective, analytical applications, 2225, 3166
– – (in) biology, 4919
– – computerization, 1903
– – errors, 2836
– – flow-through (for) biology, 4919
– – heterogeneous, 1296
Electrode, selective, analytical review, 2226
– – (for) ion activity scale, 2225
– – liquid membrane, review, theory, 921
– – polarized, behavior, 918
– – review, 397, 921, 1310, 3164, 3165, 5332
– – temperature coefficients, 5210
– – theory, 918, 920, 1906, 1907, 2837, 3166, 5210
– semiconductor, processes, theory, 966
– stationary, processes, theory, 4838
– (for) stripping, temperature effect (on) radius, 3824
– suspended, processes irreversible, theory, 965, 1941
– – rotating disc, theory, 1883
– surface charge, theory, 4886
– – curvature, effect (on) gas bubbling, 1864
– – renewal, instrumentation, 90
– thermistor, bimetal thermocouple, 1969
– thin film, conductance, 2385
– transition processes, theory, voltammetric, 17
– tubular, current distribution, theory, 1945
– – digital simulation, 4383
– vibrating (for) voltammetry, review, 4941
– wire resistive, current distribution, electric tension distribution, theory, 4686
Electrodeposition, review, 4475
– theory, 53, 1888, 1919, 4882
Electrodialysis, analytical applications, 3757
– instrumentation, 1966
– kinetics, 3758
– theory, 2865, 3861
– (in) toxicology, 1966
Electrogravimetry, instrumentation, theory, 1913
Electrolysis (in) acetate, 4545
– – acetic acid, 366, 714, 1218, 3497, 3498, 4519, 4522, 4545, 5048, 5540
– – – – trifluoro-, 2068, 3526, 4547, 5048, 5643
– – – anhydride, 4545, 5658
– – acetone, 3528
– – – acetonitrile, 219, 714, 716, 720, 1120, 1576, 1578, 1589, 2068, 2172, 2173, 2461, 2478, 2479, 2480, 2487, 3510, 3521, 3524, 3530, 3997, 4535, 4548, 4549, 5045, 5047, 5048, 5066, 5067, 5069, 5108, 5591, 5607, 5639, 5652, 5654, 5656, 5658
– – aluminum chloride sodium chloride (*l*), 234
– – – fluoride sodium chloride sodium fluoride (*l*), 4496
– – ammonia (*l*), 682, 3915, 4507
– – aniline, 2460
– – – diethyl-, methyl-, 2460
– – benzene, 219, 5634
– – benzonitrile, 2485, 5657
– – citric acid, 1560
– – cryolite (*l*), 677
– – dimethyl sulfite, 3473, 3481
– – dimethylsulfoxide, 3018, 3502, 3509, 5013
– – dioctylsulfoxide, 5634

Electrolysis, (in) dioxane, 704, 719
- electric field (in), theory, 3813
- electrode effects (in), 1554
- (in) ethane dimethoxy–, 4546
- - ethanol, 708, 712, 2458, 3504, 4495, 4517, 4551, 5634, 5649
- - ethylene diamine, 319
- flow–through, theory, 3847
- (in) fluoride (*l*), 3489, 3763
- - fluorosulfonic acid, 3999
- - fluosilicate (*l*), 2021
- - formamide dimethyl–, 337, 698, 1558, 1560, 1564, 2069, 2172, 2186, 2473, 2479, 2485, 2487, 2492, 3487, 3530, 4006, 4546, 5642, 5653, 5657
- - furan tetrahydro–, 698, 2459, 3487
- gas evolution (in), 1555
- (in) glycerol, 684
- - heavy water, 3522
- - hexamethylphosphoramide, 712, 2464, 2485, 3487
- - hydrofluoric acid, 1596
- instrumentation, 109, 110, 111, 1424, 1959, 2896, 3846, 4519
- (in) lead (II) oxide sodium hydroxide (*l*), 4504
- - - - sulfide (*l*), 3490
- - lithium chloride potassium chloride (*l*), 692, 2933, 3966, 4506
- - - - sodium chloride vanadium (II) chloride (*l*), 3492
- - - fluoride potassium fluoride (*l*), 2457
- - - nitrate potassium nitrate sodium nitrate (*l*), 4512
- - methane dichloro–, 219, 2488, 4547, 5643
- - methanol, 337, 708, 717, 1108, 1600, 2069, 2484, 2490, 2492, 2496, 3451, 4517, 5591
- - methylamine, 5664
- non faradaic, 3848
- (in) potassium chloride lithium chloride (*l*), 692, 2933, 3966, 4506
- - - - sodium chloride (*l*), 4493
- - - fluoride lithium fluoride (*l*), 2457
- - - - potassium fluotitanate sodium chloride (*l*), 5611
- - - nitrate lithium nitrate sodium nitrate (*l*), 4512
- - - - sodium nitrate (*l*), 4488
- - propanol, 708, 712, 1600
- - *iso*–propanol, 704
- - propylene carbonate, 1576
- - pyridine, 698, 3502
- review, 3472, 3493, 4475 ; (*l*) 908
- (in) silver nitrate (*l*), 5595
- - sodium chloride aluminum chloride (*l*), 234
- - - - - fluoride sodium fluoride (*l*), 4496
- - - - lithium chloride vanadium (II) chloride (*l*), 3492
- - - - potassium chloride (*l*), 4493
- - - - - fluoride potassium fluotitanate (*l*), 5611

Electrolysis, (in) sodium fluoride aluminum fluoride sodium chloride (*l*), 4496
- - - hydroxide lead (II) oxide (*l*), 4504
- - - nitrate lithium nitrate potassium nitrate (*l*), 4512
- - - - potassium nitrate (*l*), 4488
- theory, 52, 54, 57, 933, 934, 935, 939, 3846, 4879
- (in) toluidine, 2460
- - - dimethyl–, 2460
- - tripolyphosphate, 142
- - vanadium (II) chloride lithium chloride sodium chloride (*l*), 3492

Electrolytes, activity (*s*), 4133
- association, theory, 4874
- biological, field fluctuations, theory, 2815
- electric field (in), calculation, 4833
- hydrodynamic stability, theory, 2814
- solid (for) batteries, review, 5932
- transport numbers (*s*), 4133
- uni–univalent, activity coefficients, potentiometric, 3832
- weak, conductometric, ionization, 932

Electrolytic cells, electric field (in) optimization, theory, 3813

Electromigration, theory, 78

Electrons hydrated, capture (by) hydroxonium, (by) nitrogen (I) oxide, 874
- - electrolytic, scavenging, 1553
- mobility, conductometric, 5478
- scavenging, 3034
- solvated, anodic behavior, 121, 4768
- - electrogeneration, 2464, 2991, 4943
- - galvanostatic, 4768
- - motion, theory, 1869
- - voltammetric, 121, 2991
- transfer, photochemical 3804
- - theory, 11, 19, 1870, 3825
- tunnelling, 5929
- - theory, 2821

Electroosmosis, theory, 943, 2866
- two–layer diaphragm, technique, 1788

Electrophoresis (in) acetic acid, 4594
- - acetone, 5700
- - benzene, 5689
- - boric acid glycerol buffer, 2523
- - *iso*–butanol, 5703
- computerization, 2855, 3554, 3851, 4884
- data processing, 3851
- diffusion boundary layer (in), 3555
- (in) dioxane, 5703
- elution systems, 5682
- errors, 2536
- (in) ethanol, 2514, 2517, 3565
- - formamide, 754
- - glycerol boric acid buffer, 2523
- - heptane, 5689
- instrumentation, 113, 114, 115, 116, 1005, 1006, 1007, 1961, 1962, 1963, 2899, 2901, 2902, 2903, 2904, 2905, 2906, 2907, 2908, 3668, 3890, 3898, 3899, 4934, 4935, 4936, 4938, 4939
- - review, 2900

Electrophoresis, (in) molybdenum (VI) oxide sodium oxide (*l*), 5687
– preparative, 113, 114, 116, 2612
– – instrumentation, 2662, 4937
– processes classification, 114
– (in) pyridine, 4594
– review, 1634, 4575, 4576, 4577, 4655, 5680, 5681
– (in) sodium oxide molybdenum (VI) oxide (*l*), (in) sodium oxide tungsten (VI) oxide, 5687
– technique, 60, 113, 114, 759, 779, 945, 1639, 2536, 2903, 2904, 2905, 3557, 3583, 3592, 3616, 3617, 4578, 4579, 4580, 4581, 4617, 5683, 5684, 5713
– theory, 60, 942, 943, 944, 945, 2855, 2856, 4654, 4883, 4885
– (in) tungsten (VI) oxide sodium oxide (*l*), 5687
– – xylene, 2514
Electrorefining, instrumentation, 111
– review, 1832
Electroreflectance, technique, 49
– theory, 954
Electrosynthesis, review, 893, 3472, 3493, 4466, 5637
Electrowinning, review (*l*), 908
Elongation factor I, wheat germ, electrophoretic, 5814
Emulsions, zeta electric tension, 3868
Enamine derivatives, cathodic behavior, polarographic, 374
End point(s), electrometric, 721
Endothelium corneal, rabbit, electric tension, 3375
Energy conversion, 877, 970
– transfer, theory, 4836
Enniatin complexes, conductometric, 5489
Enolases, electrophoretic, 2634
Enzyme(s) electrode(s), selective, review, 2226, 2227, 4326, 5451
– electrophoretic, 773
– – review, 4615
– heterogeneity information scheme, 773
– *Mirunga leonina* plasma, electrophoretic, 4673
– nature information scheme, 773
– peanut, electrophoretic, 3604, 3605
– proteolytic, electrophoretic, 774
– *Pseudomonas aeruginosa*, respiration, voltammetric, 2044
Eosin, electrophoretic, 4594
Ephedrine hydrochloride, coulometric, 5678
– – potentiometric, 3337, 5678
Epichlorohydrine, radiolysis products, conductometric, 652
Epicortisol, chromatopolarographic, 4110
– polarographic, 4109
Epinephrine, *see also* Adrenaline
– anodic behavior, voltammetric, 250
Epoxy polymers, conductometric, 655
Equivalent circuits, theory, 75, 1877
Erbium, anodic behavior, 3771
– (III), coulometric, hydrolysis, 478
Erbium, (in) organic compounds, potentiometric, 2283
– potentiometric (*l*), 4245
– (III), potentiometric, 478
– thermodynamics (*l*), 4245
– (III) complexes, conductometric, 3428, 5528
– – – formation, 5322, 5326
– – – potentiometric, 479, 1348, 2287, 3260, 4235, 4239, 5322, 5325, 5326
– – – stability, 479, 1348, 2287, 3260, 4239
– – – thermodynamics, 4239, 5322, 5326
– germanate, conductometric (*s*), 641
– indium, potentiometric, thermodynamics (*s*), 1345
– lead, potentiometric, thermodynamics (*l*), 4245
– perchlorate complexes, conductometric, 4425
– tungstate, conductometric, potentiometric, 4233
– zinc, corrosion, 4816
Eriochromocyanine R, electrophoretic, 3572
Erythritol dithio–, complexes, polarographic, solubility, 1142
– tetranitrate, polarographic, 2201
Erythrocuprein, human erythrocytes, electrophoretic, 1727
Erythrocyte(s) membrane, sheep, conductometric, 5576
– partition, potentiometric, 589, 1483
– rat, electrophoretic, 2683
– suspensions, conductometric, 2441
Erythromycine, electrophoretic, 3575
Eserine, potentiometric, 3336
Ester(s), (in) waste waters, potentiometric, 1273
– acyclic, acetamidation, electrolytic, 5652
Esterase(s), activity, 586
– electrophoretic, 777, 778, 1696, 1704, 1705, 1706, 1708, 1716, 1717, 2649, 2650, 2651, 3658, 3667, 3668, 4649, 4680, 5751, 5778, 5780
– polarographic, 345
– potentiometric, 586, 587
– *Agrobacterium*, electrophoretic, 5778
– aromatic, *Sclerotinia*, electrophoretic, 5751
– *Bothrops atrox* venom, electrophoretic, 1704
– chicken blood plasma, electrophoretic, 1705
– *Gossypium*, electrophoretic, 1696
– guinea pig, electrophoretic, 1707
– *Helix pomatia*, electrophoretic, 2649
– human leukocytes, electrophoretic, 1706
– – plasma, electrophoretic, 1708
– mouse liver, electrophoretic, 2650
– *Myzus persicae* strain, electrophoretic, 778
– prostate gland, electrophoretic, 2651
– recluse spider venom, electrophoretic, 4649
– *Rhizobium*, electrophoretic, 5778
– *Taterillus* serum, electrophoretic, 3668
– thrombin, electrophoretic, 1704
Estocine, ionization, potentiometric, 3361
Estratriene, cathodic behavior, electrolytic, 5664

Estratetraene, cathodic behavior, electrolytic, 5664
Ethane, voltammetric, 230
– amino–, *see also* Ethyl amine
– aminophenyl–, electrophoretic, 2519
– – derivatives, anodic behavior, 250
– – – electrolytic, 4536
– – – voltammetric, 250
– bisdiphenylphosphino–, complexes, cathodic behavior, polarographic, 3985
– – – voltammetric, 3974, 3985
– bromo, *see also* Ethyl bromide
– derivatives, anodic behavior, voltammetric, 5049
– diamine aminoethyl–, complexes, potentiometric, thermodynamics, 4174
– diamino–, *see* Ethylene diamine
– dichloro–, conductometric, 2433
– – electrolytic, polymerization, 5641
– – protonation, 2433
– – solvent (for) conductometry, 5502
– dimethoxy–, solvent (for) conductometry, 5495
– – – voltammetry, 3013, 5050
– – dimethyl ether, solvent (for) electrolysis, 4546
– diphenyl–, substituted, anodic behavior, cyclization intramolecular, electrolytic, voltammetric, 5048
– iodo–, *see also* Ethyl iodide
– nitro–, adsorption (on) platinum, 5829
– – cathodic behavior, 4053
– – ionization, 5425
– – polarographic, 4053
– – potentiometric, 5425
– – solvent (for) polarography, voltammetry, 3944
– – thermodynamics, 5425
– polyhalo derivatives, polarographic, 321
– tetranitro–, trinitro–, denitration, electrolytic, 1592
– sulfone diphenyl–, dibromodiphenyl–, electrosynthesis, 5638
Ethanediol, acidity (in), 1449
– adsorption (on) platinum, 810
– ionization, 1263
– mobility (in), 744
– potentiometric, 1263, 4135
– radicals, polarographic, 3106
– solvent (for) capacitance measurements, 3717
– – – polarography, 1141, 5134
– – – potentiometry, 504, 1449, 2236, 2356, 4142, 4344
– – – voltammetry, 1979, 2020, 2046
– complexes, polarographic, 301
– derivatives, complexes, potentiometric, stability, 4240
– dinitrate, polarographic, 2201
– mercury interface, capacitance differential, 3721
Ethanethiol, potentiometric, 4276
– diethylamino–, potentiometric, 5429
Ethanethiol di–*iso*–propylamino–, complexes, conductometric, potentiometric, 5300
Ethanol, adsorption (on) mercury, 1336, 1756
– – – platinum, 810
– – – – platinized, 2708
– – – tin, 3729
– amperometric, 4124
– anodic behavior, 237, 2708, 5647
– decomposition catalytic, 631
– electrolytic, 5647
– mobility (in), 744
– oxidation catalytic, potentiometric, 2785
– potentiometric, 4124
– solvent (for) amperometry, 5284
– – – capacitance measurements, 1751
– – – chronoamperometry, 3917
– – – conductometry, 534, 594, 613, 632, 635, 1495, 1496, 1530, 1531, 2393, 4397, 4432, 5284, 5493, 5516, 5548, 5556
– – – coulometry, 335
– – – electrolysis, 708, 712, 2458, 3504, 4495, 4517, 4551, 5634, 5649
– – – electrophoresis, 2514, 2517, 3565
– – – oscillometry, 5563
– – – polarography, 31, 321, 329, 332, 335, 340, 341, 347, 373, 1178, 1194, 2061, 2152, 2153, 2166, 2169, 2170, 2189, 2190, 2201, 3035, 3060, 3109, 3116, 3128, 3134, 3144, 3944, 4030, 4083, 5082, 5101, 5134, 5161, 5174, 5181
– – – potentiometry, 446, 504, 534, 545, 576, 579, 580, 1149, 1194, 1314, 1315, 1339, 1349, 1398, 1447, 1471, 2061, 2261, 2278, 2318, 2325, 2356, 3203, 3227, 3275, 3328, 3332, 3917, 4179, 4218, 4281, 4332, 4341, 4344, 5263, 5278, 5279, 5284, 5323, 5410, 5423, 5425, 5427, 5430, 5440
– – – voltammetry, 31, 2061, 3021, 3824, 3917, 3923, 3944, 4495
– transport numbers (in), 594
– voltammetric, 237
– ethoxy–, *see also* Ethyl cellosolve
– – solvent (for) potentiometry, 5273
– mercapto–, coulometric, 4571
– water, potentiometric, transport numbers, Washburn numbers, 1226
Ethanolamine, conductometric, 1541, 3440; (*l*) 629
– ionization, 1447, 1541, 4208
– potentiometric, 1447, 3331, 4208
– solvent (for) polarography, 1168
– – – voltammetry, 2004
– complexes, polarographic, 4213
– – potentiometric, stability, 1314, 4208, 5413
– dinitrophenyl–, electrophoretic, 1673
– phosphatidyl membranes, bilayer, conductometric, 1552
Ethers, alkoxylation, electrolytic, 701
Ethyl acetate, solvent (for) conductometry, 5492
– – difluoro–, fluoro–, cathodic behavior, polarographic, 2161
– – thio–, complexes, potentiometric, stability, 4176, 4209

Ethyl acetate trifluoro–, cathodic behavior, polarographic, 2161
– acrylate, polarographic, 1128
– – coupling (with) alkanones, electrolytic, voltammetric, 4542
– amine, *see also* Ethane amino–
– – anodic behavior, 2071
– – potentiometric, 5426
– – voltammetric, 2071
– – complexes, conductometric, 1529
– – – potentiometric, 4217
– bromide, *see also* Ethane bromo–
– – cathodic behavior, polarographic, 4080
– butanoate oxo–, ionization, potentiometric, 3201
– – – complexes, potentiometric, stability, 3201
– cellosolve, *see also* Ethanol ethoxy–
– diphenyl butanoate oxo–, ionization, potentiometric, 3201
– – – – complexes, potentiometric, stability 3201
– glycolate, *see* Acetate ethoxy–
– iodide, *see also* Ethane iodo–
– – cathodic behavior, electrolytic, 5507
– maleate, potentiometric, 4311
– methyl ketone, *see* Butanone
– (naphthyl) phenyl propioloyl acetate, ionization, potentiometric, 3201
– – – complexes, potentiometric, stability, 3201
– phenacyl sulfide, cathodic behavior, polarographic, 2163
– phenyl butanoate oxo–, ionization, potentiometric, 3201
– – – – complexes, potentiometric, stability, 3201
– (phenyl) phenylpropioloyl acetate, ionization, potentiometric, 3201
– – – complexes, potentiometric, stability, 3201
– sulfide hydroxy–, corrosion inhibitor, 5957
– thiosulfonic acid, ionization, potentiometric, 4195
– – – complexes, potentiometric, stability, 4195
– xanthate, adsorption (on) copper sulfide, anodic behavior, voltammetric, 1104
– – complexes, cathodic behavior, polarographic, thermodynamics, 3056
Ethylene, anodic behavior, 5646
– bromination, 3500, 4534
– cathodic behavior, 3487
– chlorination, 4534
– electrolytic, 3487, 5641, 5646
– fluorination, 4534
– polymerization, 5641
– voltammetric, 3500
– aryl derivatives, anodic behavior, chronoamperometric, chronocoulometric, coulometric, voltammetric, 2995
– carbonate, solvent (for) capacitance measurements, 4724
– – – – conductometry, 4391
Ethylene carbonate, mercury interface, capacitance differential, 3719
– chlorine, fuel cell, 4800
– chlorohydrine, electrolytic, fluorination, 1594
– chlorotrifluoro–, reaction (with) acetone, electrolytic, 3511
– complexes, potentiometric, stability, 1439
– derivatives, polarographic, voltammetric, 2992
– diamine, acidity (in), 2349
– – polarographic, 3105
– – potentiometric, 1448
– – solvent (for) electrochemistry, 2748
– – – – electrolysis, polarography, 319
– – – – potentiometry, 2349, 3832
– – – – voltammetry, 215
– – acetate hydroxy–, complexes, potentiometric, stability, 3260
– – complexes, cathodic behavior, 4073, 5042
– – – conductometric, 2430, 3443, 4434, 5544
– – – diffusion, 1127
– – – electrophoretic, 1619, 3560, 5699
– – – galvanostatic, 841
– – – polarographic, 4030, 4073, 4213
– – – potentiometric, 1434, 2340, 4217, 4306, 5259
– – – reaction (with) hydroxyl– radicals, polarographic, 1127
– – – stability, 1434, 2340, 4030, 4306, 4434, 5259
– – – voltammetric, 5042
– – derivatives, potentiometric, 569
– – – technetium–labelled, electrolytic, 4502
– – – complexes, conductometric, 620
– – – – polarographic, 5100
– – – – potentiometric, 1421, 4212, 4236, 4240
– – – – stability, 4212, 4240
– – hydroxyethyl–, complexes, conductometric, 2415
– – Schiff bases, 4546
– – substituted, reaction (with) hydroxyl radicals, polarographic, 1127
– – – complexes, adsorption (on) mercury dropping, 2119
– – – – cathodic behavior, 1136, 2109, 2114, 2133
– – – – conductometric, 4382
– – – – diffusion, 1127
– – – – electrophoretic, 1616, 1619, 2250
– – – – ionization, 2250
– – – – polarographic, 1136, 1159, 1180, 2114, 2119, 2120, 2133, 2876, 3067, 4076, 5128
– – – – potentiometric, 1421, 2250, 2265, 3197, 4232, 4235, 4236
– – – – potentiostatic, 2120
– – – – S.E.T., 3273
– – – – stability, 1046, 1136, 1159, 1180, 1348, 1619, 2120, 2133, 2250, 2265, 3067, 3197, 4232, 4235, 4236
– – – – stripping, 1046

Ethylene diamine substituted, complexes, voltammetric, 1035, 2876
– dibenzoyl–, cathodic behavior, 2993, 5073
– – polarographic, voltammetric, 2993
– diethanolamine, anodic behavior, polarographic, 1198
– glycol, *see* Ethanediol
– – dimethyl ether, *see* Ethane dimethoxy–
– hetero derivatives, cathodic behavior, polarographic, review, 4079
– imino– derivatives, polycomplexes, conductometric, 1547
– substituted, ionization, potentiometric, 4321
– – complexes, conductometric, 5558
– – – ionization, polarographic, 3097
– – – potentiometric, stability, 5414
– – – voltammetric, 3097
– tetraaryl– derivatives, voltammetric, 2994
– tetracyano– derivatives, poly complexes, conductometric, 1547
– tetramethyl– radicals, polarographic, 5147
– tetraphenyl– derivatives, anodic behavior, voltammetric, 5049
– tetrathio– cations, cathodic behavior, electrogeneration, voltammetric (*l*), 234
– vinyl acetate, copolymers, conductometric, 653
Ethylidene diphosphonic acid amino–, conductometric, ionization, 5560
– tetrathio– substituted, complexes, potentiometric, stability, 2251
Ethyldimethylcarbinol, electrolytic, hydrogenation, 3513
Europium, anodic behavior, 3771
– (III), cathodic behavior, 294, 4776, 4862
– (II–III), chronopotentiometric, 4991
– coulometric, 3539
– (III), coulometric, 727
– – polarographic, 294, 295, 4862
– (II–III), voltammetric, 4991
– (III) complexes, cathodic behavior, chronocoulometric, 822
– – – conductometric, 3427, 3428, 3431
– – – electrophoretic, 750, 5697
– – – formation, 5322, 5326
– – – polarographic, 1152, 2123
– – – potentiometric, 479, 1348, 2287, 3260, 4235, 5322, 5325, 5326
– – – stability, 479, 750, 1152, 1348, 2287, 3260, 5325
– – – thermodynamics, 5322, 5326
– hexaboride, conductometric (*s*), 2421
– perchlorate, complexes, conductometric, 4425
– selenide, conductometric (*s*), 5527
– telluride, conductometric (*s*), 5527
Explosives, polarographic, review, 2201

Factor VIII, cryoprecipitate, electrophoretic, 5812
Faraday, coulometric, 5667
Fast reaction(s), kinetics, techniques (for), review, 3810
Fats, chloride (in), 1415
Fatty acid(s), *Aspergillus genus fungi*, potentiometric, 2355
– – unsaturated, polarographic, review, 5182
– – synthetase, electrophoretic, 1723
Faujasites, conductometric (*s*), 2387
Fenchone, adsorption (on) cadmium amalgam dropping, 5838
Fermium, redox behavior, theory, 3230
Ferrate (VI), electrosynthesis, 4526
Ferredoxin, redox electric tension, 541
– algal, plants, redox electric tension, 542
– *Veilonella alcalescens*, polarographic, redox electric tension, 5175
Ferricenyl carbinols, electrolytic, polarographic, 2154
Ferricinium, voltammetric, 2922
– derivatives, conductometric, mobility, 2428
– ferrocene, polarographic, 1177, 1178, 2061, 2152, 2153
– – potentiometric, 1419, 2061
– – voltammetric, 2061, 3984
Ferrite, (in) austenitic stainless steel, potentiostatic, 1015
– electrophoretic, 4585
Ferritin, rat liver, electrophoretic, 4658
– iron, mobilization, 315
– – polarographic, 315, 1176
Ferrocene, cathodic behavior, 3059, 3061
– conductometric, 3843
– electrode, reference (for) polarography, 3087
– polarographic, 3037, 3059, 3061
– thermodynamics, 3843
– derivatives, conductometric, mobility, 2428
– – polymeric, electron transfer, polarographic, 1179
– ferricinium, polarographic, 1177, 1178, 2061, 2152, 2153
– – potentiometric, 1149, 2061
– – voltammetric, 2061, 3984
– oxime, derivatives, electrolytic, 3504
– perchlorate, polarographic, voltammetric, 4017
– thiosemicarbazone formyl–, complexes, polarographic, 5095
Ferrocenyl carbinols, electrolytic, polarographic, 2154
Ferroin, amperometric, coulometric, 4566
– ionization, potentiometric, 3252, 4344
– complexes, potentiometric, stability, 3252
Ferrotitanium, impedance (*l*), 4773
Fertilizers, iron (in), 4039
– nitrate (in), 4052
– zinc (in), 4039
Fetidine, polarographic, 375
Fetoprotein, human, electrophoretic, 2607
– – serum, electrophoretic, 3631
Fetuin, electrophoretic, 1673
Fibrin, human, electrophoretic, 3632
– polymerization, potentiometric, 1477
– fibrinogen, conversion reaction, 1865

Fibrinogen, adsorption (on) platinum, charge transfer, 3029
– human, electrophoretic, 2608, 3632
– porcine, electrophoretic, 4740
– voltammetric, 3029
– fibrin, conversion reaction, 1865
Filter–press cells, leakage current, 4880
Flash photolysis, transient intermediates, monitoring, 2910
Flavomycine, electrophoretic, 3575
Flavonoids, electrophoretic, 2529
Flotation pulps, redox electric tension, 4354
Flour, disulfide (in), sulfhydryl (in), 1252
Flue gas(es), oxygen (in), 4917
Fluoborate, (in) electroplating baths, potentiometric, 5257
– complexes, conductometric, coulometric, electrolytic, voltammetric, 619
Fluorene, cathodic behavior, coulometric, polarographic, 3121
– dichloro–, cathodic behavior, polarographic, 4088
– dihydroxyphenyl–, ionization, potentiometric, 3328
Fluorenone, voltammetric, 5062
– tetranitro–, polycomplexes, conductometric, 1547
Fluorenyl, anodic behavior, voltammetric, 3007
– derivatives, anodic behavior, voltammetric, 3007
Fluorescein dibromo–, cathodic behavior, polarographic, 4097
Fluoride, activity, technique, theory, 3
– adsorption (on) bismuth, 798
– – – iridium, 1738
– – – mercury, 795, 797, 3721
– – – nickel, 2702
– – – platinum, 3718
– anodic behavior, 3975
– association, 447
– conductometric, 1488
– (*s*), review, 4414
– (in) dental pastes, potentiometric, 4292
– electrode, selective, 528, 4291
– – – review, 5381
– – – sensitivity, 3305
– – – temperature coefficient, 431
– electrodialytic, 5878
– (in) house hold products, potentiometric, 3309
– – petroleum, potentiometric, 3307
– – phosphoric acid, potentiometric, 5379
– – phosphors, potentiometric, 5378
– – plants, stripping, 1996
– – polymers, potentiometric, 4290
– potentiometric, 525, 526, 527, 528, 529, 1310, 2322, 2323, 2324, 3306, 5351 ; (*l*) 447, 474
– – review, 5581
– (in) serum, potentiometric, 3308
– solvation, 1488
– solvent (for) electrolysis (*l*), 3489, 3673
– (in) stack gases, potentiometric, 4918
Fluoride (in) tooth pastes, potentiometric, 5380
– voltammetric, 3975
– (in) water, potentiometric, 3887
– complexes, association, 437
– – polarographic, 291
– – potentiometric, 437 ; (*l*) 447
Fluoroapatite, zero charge point, 2347
Fluoroorganic compounds, (in) air, coulometric, 4933
Fluorosulfonic acid, conductometric, 1987, 4427
– – ionization, 1987
– – solvent (for) electrolysis, voltammetry, 3999
Fluosilicate, solvent (for) electrolysis, voltammetry (*l*), 2021
Foam films, conductometric, 4370
Food, antibiotics (in), 3575
– ascorbic acid (in), 328
– – – dehydro– (in), 2164
– cadmium (in), 3057
– copper (in), 3194, 4021
– glycine (in), 1465
– lead (in), 4021
– nickel (in), 4074
– potassium (in), 4113, 4114
– tocopherols (in), 2088
– zinc (in), 4021
Formaldehyde, adsorption (on) platinum, 4731
– – – – platinized, 4721
– (in) air, galvanometric, 1013
– anodic behavior, 2965, 4731
– cathodic behavior, 1190
– dehydration, 1100
– hydration, 1190
– ionization, 1100
– polarographic, 1100, 1190
– potentiometric, 995
– voltammetric, 1100, 2965
– (in) waste water, potentiometric, 1273
– derivatives, corrosion inhibitors, 5960
– hydrazone, formation, polarographic, 1193
– polymers, conductometric, 1450
– – oscillometric, 656
Formamide, adsorption (on) mercury, 812
– conductometric, 1000
– electroosmotic, 4766
– solvent (for) conductometry, 1502, 3843
– – – electrophoresis, 754
– – – potentiometry, 582, 1312, 2352
– – – voltammetry, 3941
– dimethyl–, adsorption (on) mercury, 812
– – conductometric, 1000
– – electroosmotic, 4766
– – purification, 242
– – solvent (for) amperometry, 2180
– – – – batteries, 1841
– – – – capacitance measurements, 3744
– – – – chronoamperometry, 4890
– – – – chronocoulometry, 1111
– – – – chronopotentiometry, 5014, 5068
– – – – conductometry, 573, 605, 627, 1493, 3349, 3464, 4427, 5495, 5514

Formamide dimethyl–, solvent (for) coulometry, 2073, 2186, 3121, 4008, 5014
– – – – electrocapillarity measurements, 3860
– – – – electrochemiluminescence measurements, 5876
– – – – electrochemistry, 3089
– – – – electrolysis, 337, 698, 1558, 1560, 1604, 2069, 2172, 2186, 2479, 2485, 2487, 2492, 3487, 3530, 4006, 4546, 5642, 5653, 5657
– – – – oscillometry, 664
– – – – polarography, 253, 258, 272, 322, 336, 337, 341, 354, 358, 368, 374, 379, 1074, 1194, 1206, 1221, 1223, 2061, 2097, 2161, 2172, 2180, 2181, 2186, 2187, 2195, 3040, 3049, 3050, 3060, 3094, 3109, 3113, 3116, 3117, 3120, 3121, 3123, 3126, 3143, 3144, 3944, 4032, 4033, 4034, 4070, 4082, 4088, 4090, 4092, 5068, 5086, 5092, 5095, 5105, 5138, 5161
– – – potentiometry, 446, 577, 584, 1194, 1275, 1456, 2061, 2266, 2325, 2364, 3225, 3349, 4142, 4311, 4330, 4332, 5286, 5319, 5439, 5440
– – – – voltammetry, 30, 181, 235, 242, 249, 253, 258, 336, 1074, 1111, 1116, 1117, 1119, 2004, 2061, 2069, 2073, 2187, 3002, 3006, 3013, 3023, 3094, 3937, 3944, 3969, 4006, 4008, 5014, 5059, 5068, 5073
– – complexes, conductometric, 4442
– disubstituted, benzoxylation, electrolytic, 2486
– methyl–, adsorption (on) mercury, 812
– – solvent (for) polarography, 1198
Formanilide derivatives, cathodic behavior, polarographic, 1211
– methyl–, benzoxylation, electrolytic, 2486
Formate, adsorption (on) platinum, 2967
– electrophoretic, 2906
– mobility, 742
– reaction (with) bromine, potentiometric, 3314
– solvent (for) polarography, 1168
– alkylchloro–, arylchloro–, derivatives, potentiometric, 3334
– complexes, electrophoretic, 3558
– – potentiometric, 4175
– – stability, 3558, 4175
Formic acid, adsorption (on) gold, 2968
– – – – – platinized, (on) graphite platinized, 3716
– – – – platinum, 956, 1101, 2999
– – – – – platinized, 4721
– – – – tungsten platinized, 2999
– – anodic behavior, 239, 956, 1101, 2784, 2999, 3716
– – conductometric, 593, 2401, 3455
– – dimerization, 3455
– – electrosynthesis, 1576
– – ionization, 240, 4256
– – potentiometric, 4256, 4303, 5384
– – reaction (with) permanganate, potentiometric, 4303
Formic acid, reaction (with) picoline, (with) pyridine, conductometric, 3456
– – solvent (for) amperometry, 310
– – – – conductometry, 1430
– – – – polarography, 310, 2201
– – – – potentiometry, 1430
– – voltammetric, 239, 240, 1101, 2999
– – (in) wood, oscillometric, 5564
– – complexes, cathodic behavior, polarographic, 4075
– – – potentiometric, stability, 4256
Formyl, adsorption (on) platinum, 2697
Framycetine, electrophoretic, 3575
Frog muscle membrane, resistance, 5577
– pigment epithelium, electrolyte transport (in), 5461
– skeletal muscle, resting electric tension, 3167
– skin, electric tension fluctuations, 3809
– stomach circular muscle membrane, electric tension, 5462
Fructose diphosphate aldolase, electrophoretic, 2634
– – – pear, electrophoretic, 2639
Fruit, lead (in), 5117
Fuel(s), cadmium (in), copper (in), lead (in), 1995
Fuel cell(s), 875, 876, 877, 1742, 1834, 1836, 1837, 2774, 3785, 3786, 3967, 4798, 4799, 4800, 5931, 5933, 5934, 5935, 5936, 5937
– – biogalvanic hybrid, 3967
– – (in) biology, 1836
– – (for) electrochemical energy conversion, 970
– – review, 877, 1833, 4797; (*l*) 908
Fulvalene tetrathio–, complexes, conductometric (*s*), 3454
Fulvic acid, complexes, potentiometric, 1308, 5240
– – – stability, 1308
– – – thermodynamics, 5240
Fumaric acid, *see also* Butenedioic acid
– – recombination, theory, 6
– – ionization, 1457, 1458
– – oscillometric, 5563
– – potentiometric, 1457, 1458
– – (in) wood, oscillometric, 5564
Fumaronitrile, cathodic behavior, hydrodimerization, 3003
– radical, dimerization, 5906
– voltammetric, 3003
Fuoss Onsager, theory, 46, 47
Furaltadone, cathodic behavior, polarographic, 4101
Furan radicals, polarographic, 5147
– tetrahydro–, anodic behavior, 5663
– – electrolytic, 5659, 5663
– – fluorination, 5659
– – polarographic, 5487
– – radicals, polarographic, 5147
– – solvent (for) conductometry, 599, 3386, 3395, 4384, 5487
– – – – electrochemiluminescence measurements, 5873

Furan tetrahydro–, solvent (for) electrochemistry, 671
– – – – electrolysis, 698, 2459, 3487
– – – – polarography, 2958, 3008
– – – – potentiometry, 1263, 3008, 4956
– – – – voltammetry, 2958, 3008, 3013, 3941, 4956
Furanosides, electrophoretic, 2523
Furantoin, cathodic behavior, polarographic, 4101
Furazone nitro–, cathodic behavior, polarographic, 4101
Furfuryl mercaptan, ionization, potentiometric, 3134
– – complexes, conductometric, potentiometric, stability, 3257
Furohydroxamic acid phenyl–, complexes, potentiometric, stability, 1309
Furosemide, potentiometric, 3337
Furyl alcohol tetrahydro–, solvent (for) polarography, 2201
Furylene nitro–, polarographic, 5174

Gadolinium, anodic behavior, 3771
– (III), coulometric, hydrolysis, 478
– chloride, complexes, conductometric, 5524
– (III) complexes, conductometric, 3427, 3431, 5525
– – – formation, 5322, 5326
– – – potentiometric, 478, 479, 1348, 2287, 3260, 4235, 4244, 5322, 5325, 5326
– – – stability, 479, 1348, 2287, 3260, 4244, 5325
– – – thermodynamics, 4244, 5322, 5326
– germanate, conductometric (*s*), 641
– indium, potentiometric, thermodynamics (*s*), 1345
– iodide, conductometric (*l*), 640
– oxide, voltammetric (*l*), 4977
– perchlorate, complexes, conductometric, 4425
Galactosane complexes, polarographic, 5152
Galactose, mutarotation, polarographic, 323
Galacturonic acid, electrophoretic, 2524
Galena, anodic behavior, 2295
– electrode, electric tension, 4280
– flotation, electrochemical, 892
Gallic acid, adsorption (on) mercury, 174
– – electrophoretic, 1401
– – polarographic, 174
– – complexes, adsorption (on) mercury, 174
– – – cathodic behavior, 4046
– – – polarographic, 174, 4046
Gallium, adsorption (on), 2918, 3857; (*l*) 2918
– (III), amperometric, 385, 5190
– electrode, capacitance (*l*), 817
– – – differential, 3857
– – dropping, overtension (on), 4946, 4947
– – overtension (on), 1019, 2917, 2918; (*l*) 817, 1019, 2918
– (III), hydrolysis, 1344
– hydrophilicity, 3857
Gallium, polarographic, 3066
– (III), polarographic, 1143, 1148
– – potentiometric, 386, 1329, 1344, 2277, 5190, 5286
– stripping, 171
– (III), voltammetric, 171
– zero charge point, 3857, 5918
– amalgam, adsorption (on), 1977
– – electrode dropping, overtension (on), 4946, 4947
– antimonide, indium (in), selenium (in), tellurium (in), zinc (in), 5097
– antimony, double layer, 3741
– arsenide, anodic behavior, 3486
– – electrode, capacitance, electrochemiluminescence, 4746
– – – processes, 966
– bromide, complexes, conductometric, 4419
– cerium selenide, conductometric, 1527
– chloride, complexes, conductometric, 4418, 4419
– (III) complexes, polarographic, 1149, 2015, 4042
– – – potentiometric, 2277, 3252, 5313
– – – stability, 1149, 3252, 4042, 5313
– gallium oxide, potentiometric, thermodynamics (*s*), 5312
– (III) hydroxy complexes, formation, hydrolysis, potentiometric, 4227
– indium dropping, adsorption (on) (*l*), 2694
– – electrode dropping, capacitance differential (*l*), 2694
– – – – overtension (on), 4946, 4947
– – – overtension (on), 124
– – arsenide, potentiometric, thermodynamics (*s*), 476
– iodide, potentiometric, 4225
– lithium, potentiometric, thermodynamics, (*s*), 1269
– magnesium, potentiometric, 5286
– nickel, potentiometric, thermodynamics (*s*), 4226
– organoderivatives, electrosynthesis, 5607
– oxide gallium, potentiometric, thermodynamics (*s*), 5312
– phosphide, sulfur (in), 5672
– telluride, indium (in), 5097
– zinc, potentiometric, thermodynamics (*l*), 5296
Galvanic cell(s), electric tension, theory, 41, 4863
– – transport, theory, 40
– – theory, 40, 41, 3830, 4863
– detector GL–5115, 3904
Galvanostat(s), behavior, 4904
– computerization, 4903
Galvanostatic measurements, (in) hexamethylphosphoramide, 4768
– – instrumentation, 982
– – (in) lithium chloride potassium chloride (*l*), 4757
– – – potassium chloride silver chloride (*l*), 3723, 4722
– – – sodium tetraborate (*l*), 1794

Galvinoxyl, cathodic behavior, polarographic, 5180
Gas(es) electrode(s) porous, lyophiliticy, theory (*l*), 3819
– – review, 1792, 1833; (*l*) 908
– – (for) fuel cells, 1833
– – theory, 1943
– mass transport, electrolytic, theory, 57
– meter(s), 2291, 3885, 5220
– – (in) biology, 5220
– methyl sulfide (in), 2898
– moisture (in), 1243, 3151
– oxygen (in), 3288, 3904
– sulfur (IV) oxide (in), 2316, 2898
Gasoline, lead (in), 5113
– sulfur (in), 3292
Gastric juice, acidity (in), 2383, 4356; *in vivo*, 5225
– – polarographic, 3150
– – potassium bicarbonate *in vivo*, 5225
Gelatin, adsorption (on) gold, 3733
– – – mercury dropping, 5103
– corrosion inhibitor, 4815
– solvent (for) conductometry, 2400
Gentamycin, electrophoretic, 2531
Geological compounds, amino acids (in), 753 bis
Germanate mannitol, potentiometric, 487
Germanic acid, complexes, potentiometric, stability, 2272
Germanium, anodic behavior, 1055, 1056
– (IV), cathodic behavior, 174, 2127
– conductometric, 1950
– corrosion, theory, 4899
– electrode, rlectroreflectance, surface conductance, 3414
– (IV), polarographic, 174, 2127
– potentiometric, 1055
– voltammetric, 1055, 1056, 1950
– chloride, conductometric, 642
– – potentiometric, 5334
– – solvolysis, 642
– – complexes, conductometric, hydrolysis, solvation, 1531
– – organoderivatives, conductometric, ionization, 488
– – – potentiometric, 488, 5334
– (IV) complexes, adsorption (on) mercury, 174
– – – cathodic behavior, 4046
– – – polarographic, 174, 1156, 4046
– compounds, cathodic behavior, voltammetric, 4966
– copper, potentiometric, thermodynamics (*l*), 4166, 5248
– heteropolyacids, electrolytic, polarographic, 1155, 3041
– – potentiometric, 1155
– hydride, voltammetric, 4966
– iron, electrodeposition, 5609
– lead, potentiometric, thermodynamics (*l*), 486
– oxide lead (II) oxide, charge transfer (*l*), 132
Germanium oxide lead (II) oxide, oxygen diffusion (in), chronoamperometric (*l*), 1777
– – – – – potentiometric (*l*), 3178
– – sodium oxide, potentiometric (*l*), 3178
– sulfide, cathodic behavior, voltammetric, 4995
– telluride antimony telluride, conductometric (*s*), 5531
Glass, adsorption (on), 2499, 2691
– conductometric, theory, 4371
– electrode(s), 299, 406, 922, 4839, 4867
– – (for) biology, 4919
– – conductometric, 4942
– – correction factors (in) nonaqueous solvent, 4139
– – drift, 5217
– – dynamics, 399
– – electrical parameters, 5921
– – equilibrium electric tension, theory, 2841; (*l*) 2293
– – geometry, 5921
– – (in) heavy water, 2234
– – non–aqueous, 405, 408, 4139
– – theory, 2840, 2841
– – voltammetric, 4942
– electrokinetics, 1800
– self–diffusion (in), theory, 4371
– sodium carbonate (in), 1274
– streaming electric tension, 1800
– thermoelectric power, 1261
– zeta electric tension, 1800, 2691, 4582
Gliadin, wheat, electrophoretic, 4613, 4659
– polypeptides, wheat, electrophoretic, 1676
Globulin AC, blood, voltammetric, 4013
– antilymphocytic, electrophoretic, 1677
– bean seeds, electrophoretic, 1678
– bovine blood serum, electrophoretic, 3623
– cerebrospinal fluid, electrophoretic, 4660
– colloidal properties, 2609
– electrophoretic, 2609, 2610, 5713
– hartley guinea pig, electrophoretic, 3633
– human blood serum, electrophoretic, 2595
– serum, electrophoretic, 1679, 4660
– soybean, electrophoretic, 4661, 4662
– testosterone–binding, plasma, electrophoretic, 2611
– thyroxine–binding, electrophoretic, 2610, 3634
Glow discharge electrolysis, hydrated electron yield, 1553
Glucanphosphorylase, electrophoretic, 2663
Glucomannan, *Aurum orientalis* tuber, electrophoretic, 4591
Gluconate complexes, polarographic, 286
– – potentiometric, stability, 3260
– – voltammetric, 139
Gluconic acid, complexes, cathodic behavior, polarographic, voltammetric, 292
Glucose, amperometric, 1258
– anodic behavior, 2997
– conductometric, 2408, 4451
– electrode, selective, 554, 2353, 4326, 4327
– electrophoretic, 4590

Glucose, ionization, 1263
- mutarotation, polarographic, 323
- potentiometric, 554, 1263, 2353
- reaction (with) glucose oxidase, potentiometric, 3321
- solvent (for) potentiometry, 1263
- voltammetry, 2997
- oxidase, reaction (with) glucose, potentiometric, 3321
- oxygen, fuel cell (in) biology, 1836
- phosphate dehydrogenase, electrophoretic, 2640
- – – blood cells, human liver, electrophoretic, 1698
- – – pear, electrophoretic, 2639
- – – *Plasmodium*, electrophoretic, 3664
- – – *Sclerotinia*, electrophoretic, 5751
- – isomerase, *Plasmodium*, electrophoretic, 3664

Glucosidase, electrophoretic, 5784
- apple seeds, electrophoretic, 5784
- nitrophenyl–, apple seeds, electrophoretic, 5784
- transferase, rabbit, yeast, electrophoretic, 4698

Glucuronic acid, electrophoretic, 2524

Glucuronidase, mouse microsomal membranes, electrophoretic, 2652

Glutamate, electrophoretic, 2906
- decarboxylase, *Clostridium perfrigens*, electrophoretic, 3661
- dehydrogenase, electrophoretic, 4678
- – algae, electrophoretic, 4677
- – carrot, electrophoretic, 4676
- – *Rana pipiens*, electrophoretic, 1701
- – *Saccharomyces cerevisiae*, electrophoretic, 1699
- – safflower, electrophoretic, 2641
- oxalacetic transaminase, *Escherichia coli*, electrophoretic, 4697
- pyruvate aminotransferase, blood strains, electrophoretic, 1693

Glutamic acid, desalting, 753 bis
- – electrophoretic, 753bis, 2908
- – (in) molasses, electrodialytic, 4761
- – complexes, potentiometric, stability, 548, 3206, 3247, 5269
- – – thermodynamics, 3206, 5269
- – copolypeptides, conductometric, potentiometric, 2360
- – decarboxylase, mouse brain, electrophoretic, 3662

Glutaminase, pig renal tissue, electrophoretic, 2653

Glutamine, ionization, potentiometric, 5264
- complexes, formation, 5264
- – potentiometric, 1306, 3209, 3247, 4198, 4238, 5264
- – stability, 1306, 3209, 3247, 4198, 4238

Glutaraldehyde, *see* Pentanedial

Glutaric acid, *see also* Pentanedioic acid

Glutathione, coulometric, 4573

Glutenin, electrophoretic, 4613
- polypeptides, wheat, electrophoretic, 1676

Glutethimide, electrophoretic, 5704

Glybutamide, potentiometric, 3337

Glybuthiazol, potentiometric, 3337

Glyceraldehyde phosphate dehydrogenase, electrophoretic, 2634

Glycerin, *see* Glycerol

Glycerol, anodic behavior, 4537
- conductometric, 2408
- electrolytic, 4537
- ionization, potentiometric, 1263
- (in) soap, coulometric, 3551
- solvent (for) chronoamperometry, 1093
- – – electrolysis, 684
- – – polarography, 5134
- – – potentiometry, 530, 1093, 1263, 2229, 4344
- – – voltammetry, 1093
- boric acid, solvent (for) electrophoresis, 2523
- chlorohydrin, electrolytic, 1596
- copolymers, electrodeposition, 4541
- phthalate, complexes, cathodic behavior, polarographic, 5161
- stearate, potentiometric, 5428
- trinitrate, polarographic, 2201

Glyceryl oleate membrane, surface conductance, surface electric tension, 4464

Glycinamide alanyl–, complexes, potentiometric, stability, 3212
- complexes, potentiometric, thermodynamics, 1302
- glycyl–, complexes, electrophoretic, 3210
- – – potentiometric, 3210, 3212
- – – stability, 3212

Glycinate acetyl–, cathodic behavior, polarographic, 1196
- complexes, potentiometric, stability, 5259
- glycyl–, cathodic behavior, polarographic, 1196

Glycine, desalting, 753 bis
- electrophoretic, 753 bis, 2908
- (in) food, potentiometric, 1465
- potentiometric, 1448
- radicals, reaction (with) dyes, 4349
- acetyl–, complexes, potentiometric, 3303
- – derivatives, cathodic behavior, voltammetric, 5059
- alanyl–, complexes, potentiometric, 1302, 5267
- – – thermodynamics, 1302
- bis(methylenephosphonic acid) complexes, oscillometric, potentiometric, stability, 4440
- complexes, cathodic behavior, 317, 4075
- – conductometric, 2430
- – polarographic, 317, 3046, 4075, 5091
- – potentiometric, 440, 549, 2265, 3205, 3206, 3207, 3208, 3213, 3247, 3265, 3326, 4269, 5267, 5269, 5270, 5419
- – stability, 440, 549, 2265, 3046, 3205, 3206, 3207, 3208, 3213, 3247, 3265, 3326, 4269, 5269
- – thermodynamics, 3046, 3206, 3213, 5269

Glycine dihydroxyethyl–, ionization, potentiometric, 3259
– – complexes, potentiometric, stability, 3259, 3260
– – – thermodynamics, 3259
– glycyl–, adsorption (on) mercury, 814
– – complexes, potentiometric, 1302, 5267, 5354
– – thermodynamics, 1302
– hydroxyphenyl– substituted, ionization, potentiometric, 4321
– mercaptopropionyl–, anodic behavior, polarographic, 1201
Glycoalkaloids, electrophoretic, 2530
Glycogen phosphorylase, cathodic behavior, polarographic, 5186
– – human muscle, electrophoretic, 3688
Glycolanilide complexes, potentiometric, stability, 3251
– thio–, complexes, potentiometric, stability, 3251
Glycolate, ionization, potentiometric, 562
– complexes, potentiometric, stability, 3260, 3277, 5406, 5407
– thio–, complexes, polarographic, stability, thermodynamics, 4041
Glycolic acid, *see also* Acetic acid hydroxy–
– – adsorption (on) platinum platinized, 1766
– – ionization, potentiometric, 1457
– – complexes, cathodic behavior, 4075
– – – electrophoretic, 4254
– – – polarographic, 1150, 4075
– – – potentiometric, 3265, 4254
– – – stability, 1150, 3265, 4254
– – thio–, adsorption (on) copper, 3479
– – – coulometric, 4571
– – – potentiometric, 5429
– – – solvent (for) polarography, 2155, 3986
– – – – – voltammetry, 3986
– – – complexes, formation 4308
– – – – potentiometric, 3245, 3265, 4308, 5415
– – – – stability, 3265, 5415
– – – – thermodynamics, 5415
Glycoprotein(s), brain cells, electrophoretic, 763
– Ehrlich ascites tunor, electrophoretic, 762
– human erythrocytes, electrophoretic, 3635, 4652
– – intestine, electrophoretic, 5729
– – platelet membrane, electrophoretic, 3611
– mouse L cells, electrophoretic, 5731
– neutrophil leukocytes, electrophoretic, 3598
Glycosaminoglycans, human skin, electrophoretic, 3570
– porcine teeth, electrophoretic, 2525
– acid, electrophoretic, 756
– sulfonated, electrophoretic, 756
Glyhexylamide, potentiometric, 3337
Glyoxal dioxime diphenyl–, complexes, conductometric (*s*), 1540
– substituted, complexes, stability, voltammetric, 5033
Glyoxalic acid, polarographic, 326
Glyoxime, *see* Glyoxal dioxime
Glyoxylate, derivatives, electrolytic, 5651
Glyoxylic acid, *see also* Acetic acid oxo–
– – amperometric, 1257
– – electrosynthesis, 4543
Gold, adsorption (on), 49, 190, 790, 799, 1059, 1078, 2074, 2698, 2699, 2703, 2928, 2938, 3733, 3945, 4273, 5830
– (III), amperometric, 2208
– anodic behavior, 1566, 3931, 3932
– (III), cathodic behavior, 4972
– (I), chronopotentiometric (*l*), 4750
– corrosion (*l*), 880
– coulometric, 5668
– (III), coulometric, 3537
– (I), diffusion (*l*), 4750
– electrochemical behavior, 849
– electrode, anodic behavior, 158; (*l*) 3933
– – capacitance differential, 1772, 3740
– – charge transfer, 175, 725
– – electroreflectance, 49, 3414
– – flow–through, (for) voltammetry, 2982
– – (with) glass substrate, (for) potentiometry, voltammetry, 2001
– – mass transport, 175, 725
– – (for) potentiometry, 3228
– – surface conductance, 49, 3414
– – twin, anodic behavior, voltammetric, 2938
– – voltammetric, 158; (*l*) 3933
– electrodeposition, 159, 2453, 3482, 4490, 4972, 5596, 5597
– – review, 1565
– electrolytic, 1566
– electrophoretic, 745
– flotation, electrochemical, 892
– (in) ores, stripping, 4973
– platinized, adsorption (on), 3716
– potentiometric, 4196
– (III), potentiometric, 2208
– – reaction (with) cobalt (II), potentiometric, 4197
– redox behavior, theory, 3230
– stripping, 2928, 5668
– voltammetric, 159, 2928, 3931
– (III), voltammetric, 4972
– zero charge point, 871, 1792, 3229, 5918
– alloys, electrodeposition, review, 4475
– bromide silver, electrode (for) batteries, 4393
– – – sulfobromide silver, battery, 3790
– cobalt nickel, electrodeposition, 5597
– complexes, conductometric, 5505, 5510
– – electrophoretic, 745
– (I) complexes, potentiometric, stability, voltammetric, 1316
– copper, anodic behavior, 5945
– hydrogen electrode, processes, 3863, 3865
– palladium electrode, (with) glass substrate, (for) potentiometry, voltammetry, 2001
– silver sulfide silver iodotungstate silver, conductor (*s*), 108
Gran plot, computerization, 485, 1905, 2836

Gran plot, (in) potentiometry, 5332
– – – – errors, 484
Graphite, adsorption (on), 256, 3724, 4705
– anodic behavior, 1053, 1809
– electrocatalyst, 1781
– electrode, (for) amperometry, 394
– – anodic behavior, 158
– – capacitance, 5852
– – – differential, 3740
– – chlorine evolution (on), 5024
– – (for) chronopotentiometry, 2019
– – mercury–coated, (for) stripping, 1031
– – moistened, capacitance, 818
– – moistening, 5927
– – overtension (on), 2745
– – paste, 2897
– – potentiometric, 1973
– – (for) potentiometry, 404, 1393, 4246
– – pyrolytic, anodic behavior, 2950
– – – capacitance, 5854
– – – (with) interchangeable tip, 1947
– – – voltammetric, 2950
– – surface renewal, instrumentation, 90
– – voltammetric, 158, 1973; (*l*) 3948, 3949
– – (for) voltammetry, 2019
– platinized, adsorption (on), 3716
– pyrolytic, adsorption (on), 262
– voltammetric, 1053
– bromine electrode, 5899
– fluoride electrode, potentiometric, voltammetric, 1973
– manganese (IV) oxide, electrode (for) potentiometry, 1393
– mercury electrode tubular, (for) voltammetry, 3939
– oxide electrode, potentiometric, voltammetric, 1973
– silver bromide interface, capacitance, 5852, 5853
– – iodide interface, capacitance, 5852
Growth hormone, human, electrophoretic, 4595, 4596, 4597
– – pig, electrophoretic, 4598
Guanidine, amperometric, 4128
– basicity, potentiometric, 405
– complexes, conductometric, 3443
– diphenyl–, potentiometric, 3331
– hydroxy–, derivatives, ionization, polarographic, potentiometric, 5170
– phenylthiazolyl–, complexes, amperometric, conductometric, 5192
– tetramethyl–, solvent (for) conductometry, 2402
Guanine, anodic behavior, review, 718
– thio–, ionization, potentiometric, 453
Guanosine triphosphate, complexes, potentiometric, stability, thermodynamics, 4178
Gum arabic acid sols, Donnan equilibria, theory, 3839

Hafnium (II) electrode, S.E.T. (*l*), 3276
– (II–IV) electrode, S.E.T. (*l*), 3276
– (IV), hydrolysis, potentiometric, 496
Hafnium redox behavior, theory, 3230
– chloride, conductometric (*s*), 646
– (IV) complexes, electrophoretic, 4254
– – – potentiometric, stability, 497, 4254
– oxide, point defects, redox electric tension (*s*), 2296
– – lanthanide oxides, conductometric (*s*), 4421
– – yttrium oxide conductometric (*s*), 4421
Halide(s), (in) organic compounds, potentiometric, 1385
– complexes, potentiometric, stability, 3225, 5411
Haptoglobin, beagle blood, fox blood, electrophoretic, 5766
– human blood, electrophoretic, 768, 1681, 1682
– complexes, polarographic, 3148
– polymers, electrophoretic, 1680
Hearth muscle membrane, electric tension stabilization, 4364
– tissue, impedance, computerization, 3862
Heavy water, *see also* Deuterium oxide
– – solvent (for) capacitance measurements, 3743
– – – – conductometry, 613, 5432, 5523
– – – – electrolysis, 3522
– – – – polarography, 5083
– – – – potentiometry, 2234, 4153, 4164, 5227, 5432
Hematite, adsorption (on), 2689, 5402
– potentiometric, surface charge, 5402
Heme derivatives, complexes, redox electric tension, 538
Hemoglobin, adsorption (on) mercury, 2718
– electrophoretic, 2612, 2613, 2614, 3636, 4663, 4664, 4665, 4666
– oxygen (in), 5122
– A_2, human blood, electrophoretic, 3637
– *Anguilla rostrata*, electrophoretic, 5768
– bat blood, electrophoretic, 2615
– beagle blood, electrophoretic, 5766
– bovine, electrophoretic, 5769
– Denmark Hill ***a*** 95 (G2), electrophoretic, 770
– extraerythrocytic serum, electrophoretic, 2617
– human, electrophoretic, 4667, 4668
– *Mastomys natalensis*, electrophoretic, 2616
– *Pagophilus groenlandicus*, electrophoretic, 3638
– rabbit, electrophoretic, 772
– spiny mouse, electrophoretic, 771
– squirrel blood, woodchuck blood, electrophoretic, 2615
– complexes, polarographic, 3148
Hemolymph, *Bioamphalaria glambrata*, electrophoretic, 769
Hemoproteins, urine, electrophoretic, 4648
Hendecane diamine, ionization, potentiometric, 4314
Hendecanone, potentiometric, 1451
Hepatitis B antigen, electrophoretic, 4702
Heptane, solvent (for) electrophoresis, 5689

Heptane water, Volta electric tension, 869
Heptanedioic acid, ionization, potentiometric, 3339
Heptanethiol, coulometric, 4571
Heptanoic acid, adsorption (on) bismuth (*l*), 4732
– – – – mercury dropping, 5835
Heptanol, solvent (for) conductometry, 1495, 1496, 1505, 1506, 2410, 5493
– – – voltammetry, 3923
Heptyl maleate, potentiometric, 4311
Heterocycles, alkoxylation, electrolytic, 701
– cathodic behavior, polarographic, review, 4098
Hexaacetic acid, derivatives, potentiometric, 495
– – – complexes, polarographic, 5128
– – substituted, complexes, amperometric, 2108
– – – – cathodic behavior, 306
– – – – polarographic, 306, 2108
– – – – potentiometric, stability, 2108
Hexabromorhenate (IV), hydrolysis, polarographic, 1080
Hexachlororhenate (IV), hydrolysis, polarographic, 1080
Hexachloroantimonic acid, conductometric, ionization, 1987
Hexachlorotungstate (IV) complexes, electrochemical behavior, 1815
– (V) complexes, electrochemical behavior, 1815
Hexacosanoic acid, electrosynthesis, 5649
Hexacyanoferrate (II–III), adsorption (on) graphite, 3724
– (II), amperometric, 2211, 4118, 5198
– – anodic behavior, 2897
– (III), cathodic behavior, 24, 2059, 5032
– (II–III), conductometric, 1430
– – charge transfer kinetics, 5030
– (III), coulometric, 2505
– (II–III), electrode, temperature effect (on), 1822
– (II), electrophoretic, 744
– (III), electrophoretic, 744
– (II), mobility, 742, 744
– (III), mobility, 744
– (II), potentiometric, 1347, 5327
– (II–III), potentiometric, 1430, 5344
– (III), reaction (with) acetone, amperometric, 3884
– – – – ascorbic acid, potentiometric, 3321
– (II), reaction (with) lysozime, (with) RNAase, conductometric, 3445
– (III), reaction (with) sulfite, potentiometric, 517
– – – – uranium (IV), polarographic, 308
– (II), reaction (with) vanadium (II), potentiometric, 3283
– (II–III), redox behavior, 1820, 1821, 3724
– – – electric tension, 536, 4267
– – voltammetric, 1086, 2058, 5018, 5029, 5030, 5031
– (III), voltammetric, 24, 2059, 2982, 5032
Hexacyanoferric (II) acid, reaction (with) hydrofluoric acid, 5500
Hexadecanoate, cathodic behavior, polarographic, 1196
Hexadecyl maleate, potentiometric, 4311
– – copolymers, potentiometric, 4311
Hexafluorophosphate electrode, selective, 502
Hexafluorosulfonic acid, conductometric, ionization, 1987
Hexahydroazepine derivatives, cathodic behavior, polarographic, 374
Hexamethonium silver iodide, cell, 3789
Hexamethylphosphoramide, conductometric, 3411
– electrolytic, 2464
– solvent (for) conductometry, 3385, 3387
– – – coulometry, 2040
– – – electrolysis, 712, 2464, 2485, 3487
– – – galvanostatic measurements, 4768
– – – polarography, 2040, 2150
– – – voltammetry, 121, 2040, 2054, 2991, 3013
– complexes, cathodic behavior, 2150
– – conductometric, 3427, 4418
– – polarographic, 2150
Hexamethylphosphotriamide, *see* Hexamethylphosphoramide
Hexamethylene diamine, *see also* Hexane diamino–
– tetraamine, potentiometric, 3331
– – (in) waste water, potentiometric, 1273
– – complexes, conductometric, 3431
Hexane, adsorption (on) platinum platinized, anodic behavior, 4726
– conductometric, 3450
– electroosmotic, 4765
– solvent (for) conductometry, 3349, 5478, 5548
– – – potentiometry, 3349
– – – voltammetry, 201
– sulfur (in), 3928
– diamino–, *see also* Hexamethylene diamine
– – ionization, potentiometric, 4314
– dinitro–, electrolytic, voltammetric, 2069
– iodomethyl–, cathodic behavior, electrolytic, 3510, 4535
Hexanedial, polarographic, 3107
Hexanedioic acid, adsorption (on) mercury, 1763, 1765
– – electrophoretic, 2906
– – ionization, 1456, 3339
– – oscillometric, 5563
– – potentiometric, 1456, 3339
– – radicals, polarographic, 5147
– – complexes, formation, hydrolysis, potentiometric, 5357
– – dimercapto–, complexes, potentiometric, stability, 493
Hexanedione bisthiosemicarbazone, complexes, polarographic, 325
– diaroyl–, derivatives, electrosynthesis, 717
Hexanoic acid, adsorption (on) bismuth (*l*), 4732
– – – – mercury dropping, 1764, 5835

Hexanoic acid, adsorption (on) platinum, 810
– – amino–, polarographic, 1197
– – – lactam, potentiometric, 4325
– – – – purity, voltammetric, 3004
– – – – (in) waste water, polarographic, 1197
– – – – complexes, conductometric, 5533
– – – – polymers, amperometric, 3162
n–Hexanol, adsorption (on) mercury dropping, 3079
– – – platinum, 810
Hexanol, adsorption (on) zinc, 5831
– solvent (for) conductometry, 642, 1495, 1496, 2410, 5493
– – – voltammetry, 3923
– ethyl–, polarographic, 3107
iso–Hexanone, solvent (for) polarography, 314, 3037
Hexanone, solvent (for) potentiometry, 4316
iso–Hexanone, solvent (for) potentiometry, 4316
Hexaisothiocyanatochromate (III), cathodic behavior, chronocoulometric, chronopotentiometric, 4755
Hexobarbital, electrophoretic, 5704
Hexokinase, *Plasmodium*, electrophoretic, 3664
– rat hyaloplasma, electrophoretic, 1709
– – liver, electrophoretic, 5785, 5786
Hexosaminidase C, human tissues, electrophoretic, 2654
– acetyl–, pregnancy serum, electrophoretic, 4681
Hexuluronic acid, electrophoretic, 2523
Hexyl, polarographic, 2201
– amine, potentiometric, 1448
Histamine complexes, potentiometric, stability, thermodynamics, 3213
– dimethyl–, ionization, potentiometric, 1307
– – complexes, potentiometric, stability, 1307
– methyl–, ionization, potentiometric, 1307
– – complexes, potentiometric, stability, 1307
Histidine, electrophoretic, 2533
– polarographic, 1200
– complexes, potentiometric, stability, 548, 1305, 1306, 3247
– glycyl–, complexes, potentiometric, stability, 548
Histidinol phosphate phosphatase, *Salmonella typhimurium*, electrophoretic, 3663
Histones, anuran, electrophoretic, 1633
– house cricket, electrophoretic, 3708
– mouse liver, electrophoretic, 5716
– rat liver, electrophoretic, 4610, 5715
Holmium, anodic behavior, 3771
– (III) complexes, electrophoretic, 5697
– – – formation, 5320, 5322
– – – potentiometric, 479, 1348, 2287, 3260, 4235, 5322, 5325, 5326
– – – stability, 479, 1348, 2287, 3260, 4244, 5325
Holmium (III) complexes, thermodynamics, 4244, 5322, 5326
– perchlorate, complexes, conductometric, 4425
Hops, conductometric, 1958, 5572
– lead conductance value, 5572
Household products, fluoride (in), 3309
Humic acid(s), conductometric, 1549, 1550, 2374
– – electrodialytic, 2374
– – functional groups, amperometric, oscillometric, review, 5206
– – ionization, 1549
– – oscillometric, 664
– – – potentiometric, purity, 2374
– – complexes, potentiometric, 2341
H.W.E.T., solvent effect (on), 320
Hyaluronidases, electrophoretic, 774, 4649
– protolysis, 774
– recluse spider venom, electrophoretic, 4669
Hydrazine, activity, 2298
– anodic behavior, 851, 968, 2037, 2686, 3774, 3961, 4717, 4799
– coulometric, 728
– galvanostatic, 3961
– ionization, 2298
– potentiometric, 1347, 2298, 3331, 4286
– radicals, adsorption (on) platinum platinized, 4717
– voltammetric, 3961
– complexes, potentiometric, 3324, 4156
– – stability, 3324
– cyclopentylbutyl–, voltammetric, 2989
– diphenylphosphinyl–, derivatives, ionization, potentiometric, 1441
– oxygen, fuel cell, 5937
– phenyl–, anodic behavior, polarographic, 3103
– – reaction (with) cerium (IV), (with) dichromate, potentiometric, 5437
– – derivatives, anodic behavior, 2487
– sulfate, amperometric, 2205
Hydrazinium, activity, 2298
– anodic behavior, 5001
– potentiometric, 2298
– voltammetric. 5001
Hydrazones, formation, polarographic, 1192, 1193
– derivatives, formation, ionization, polarographic, 1193
Hydrobromic acid, activity, 5279
– – adsorption electric tension, 1420
– – ionization, 4956
– – potentiometric, 1420, 4301, 4956, 5279
– – thermodynamics, 4301, 5279
– – voltammetric, 4956
Hydrocarbons, anodic behavior, review, 4825
– fuel cells, review, 5931
– moisture (in), 3327
– oxidation, electrocatalytic, 4825
– aromatic, alkoxylation, electrolytic, 701
– – anodic coupling, electrolytic, 2488
– unsaturated, alkoxylation, electrolytic, 701
– air, fuel cells, 1742

Hidrocarbons, chlorine, fuel cells, review, 4798
Hydrochloric acid, activity, 477, 915, 1312, 1410, 2332, 5236, 5385
– – conductometric, 596, 1001, 2393, 2396, 2401, 4427, 5548, 5549
– – electroosmotic, 1789
– – Hall effect, 5922
– – ionization, 1408, 2259, 4956, 5319, 5548
– – moisture (in), 1242
– – potentiometric, 477, 530, 923, 1312, 1393, 1408, 1409, 1410, 2259, 2331, 2332, 3171, 3177, 3187, 4164, 4956, 5236, 5319, 5382, 5384, 5385
– – solvation, 2259, 2331, 2396
– – thermodynamics, 2259, 2331, 5382
– – transport heat, 3171, 4164
– – – numbers, 407, 530
– – voltammetric, 4956
– – (in) waste water, potentiometric, 1273
– – magnesium chloride, conductometric, 2418, 3417
– – potassium chloride, junction electric tension, 414
Hydrocortisone, chromatopolarographic, 4110
– polarographic, 4109
Hydrodimerization, theory, 20
Hydrofluoric acid, acidity, 4138
– – association, 437
– – dimerization, 524
– – electrode, selective, 2291
– – ionization, 1407
– – moisture (in), 4928
– – potentiometric, 437, 524, 1407, 4138
– – reaction (with) hexacyanoferric (II) acid, (with) hydrogen cyanide, (with) silver cyanide, conductometric, 5500
– – solvent (for) conductometry, 4438, 5500, 5547
– – – – electrolysis, 1596
– – – – polarographic, 2125
– – – – voltammetry, 2878, 2971, 3975, 4992
– – thermodynamics, 1407
Hydrogen (I), activity, 50, 2233, 3171
– adsorption (on) beryllium 2499
– – – cobalt, 64
– – – copper, 1733 ; (*l*) 4706
– – – gallium amalgam (*l*), 1977
– – – gold, 790, 2928
– – – – platinized, (on) graphite platinized, 3716
– – – iridium, 64, 1737, 1738, 1974, 1985
– – – – ruthenium Raney, 1737
– – – iron, (on) manganese, 64
– – – mangnanese (IV) oxide, 2517
– – – mercury, 1733, 1748, 2915
– – – molybdenum, 64
– – – nickel, 64, 2686, 3987
– – – – Raney, 5554
– – – – palladium, 4707
– – – osmium, 64
– – – – rhodium, 1734
– – – palladium, 64, 1733
Hydrogen, adsorption (on) palladium nickel, 4707
– – – platinum, 64, 125, 126, 792, 793, 794, 1111, 1733, 1735, 1739, 1854, 1974, 1984, 1985, 2686, 2823, 2928, 3961, 3993, 4708, 4887, 5817, 5819
– – – – platinized, 125, 1740, 3994, 4709, 4717
– – – – rhenium, 4707
– – – – rhodium, 1735, 1736, 5818
– – – rhenium platinum, 4707
– – – rhodium, 64, 1735, 1974, 5818
– – – – platinum, 1735, 1736, 5818
– – – – titanium, 2687
– – – ruthenium, 64, 1737, 2688
– – – – iridium Raney, 1737
– – – sodium tungsten bronze, 1986
– – – steel 40Kh, 3902
– – – tantalum, 64, 3913
– – theory, 4897
– – (on) titanium, 64
– – – – carbide, 2029
– – – – rhodium, 2687
– – – tungsten, 64
– – – – bronze, 1986
– – – – carbide, 791
– – – – sodium bronze, 1986
– – – zinc, 64
– anode, (for) fuel cells, 876
– anodic behavior, 1022, 1975, 1976, 1978, 2746, 2916, 4824, 4952
– atomic, electrochemical conversion (by) electron photoemission, 88
– carbon dioxide (in), 4282
– (I), cathodic behavior, 129, 133, 271, 824, 836, 846, 1021, 1125, 1801, 1824, 1825, 1977, 1982, 2029, 2447, 2915, 2919, 3716, 3916, 3917, 4468, 4944, 4945, 4947, 4948, 4949, 5888
– – – – theory, 1919
– – chronoamperometric, 3917
– – chronopotentiometric, 824, 3749
– – conductometric, 50, 593, 594, 1488, 1489, 2392, 2393
– coulometric, 1608, 2499
– (I), diffusion, 3917, 5083
– diffusion (in) niobium, (in) palladium, (in) palladium silver, (in) tantalum, 891
– diodes, anodic behavior, 3907
– electrode, carbon paste, 409
– – glass, 406
– (I) electrode glass, selective, 2223, 2224
– – – implantable, (for) biology, 1268
– electrode, nonaqueous, 408, 2232, 2744, 3173, 4142, 5319
– – porous, 1856
– – standard, 2842
– – temperature coefficient, 3172
– – theory, 2826, 2868, 3863, 3864, 3865
– – voltammetric, 2914, 2915
– (I), electrogeneration, 4570
– electrolytic, 57, 127, 3914, 3915, 4468
– evolution, 1801, 1825, 1977, 1982, 3716, 4944

Hydrogen, evolution, theory, 2794
– galvanostatic, 835, 836
– gas bubbles, electric charge, 2446
– ionization, 125, 126, 410, 4955
– (I), potentiometric *in vivo*, 5225
– isotopes, *see also* Deuterium, *see also* Tritium
– – diffusion (in) metals, 891
– (I) isotopes, potentiometric, 2234
– isotopes, separation, 670
– – – theory, 3816
– – – temperature effect (on), 4467
– (I), isotopic effect, 4468
– – mobility, 594, 1489, 5083
– (in) organic compounds, coulometric, 2500
– overtension, 1979
– – (on) aluminum titanium vanadium, 1021
– – – bismuth, 127, 1982
– – – copper platinum, 4822
– – – gallium, 1019, 2917, 2918; (*l*) 817, 1019, 2918
– – – – dropping, (on) gallium amalgam dropping, 4946, 4947
– – – – indium, 124
– – – – – dropping, 4946, 4947
– – – graphite, 2745
– – – indium amalgam, 1981
– – – – gallium, 124
– – – – – dropping, 4946, 4947
– – – iron, 1020
– – – – Armco, 4954
– – – – nickel, 2920
– – – mercury, 1981
– – – – dropping, 4946
– – – molybdenum silicide, 128
– – – nickel, 835, 1983, 2686, 4950
– – – – iron, 2920
– – – – titanium carbide, 2745
– – – platinum, 2686
– – – – copper, 4822
– – – ruthenium (IV) oxide, 3991
– – – tantalum, 3913, 4148
– – – titanium aluminum vanadium, 1021
– – – – carbide nickel, 2745
– – – vanadium aluminum titanium, 1021
– – – zinc, 1980
– penetration (through) metals, 2911
– (I), polarographic, 270, 271, 1125, 2098, 3916, 5082, 5083
– – potentiometric, 411, 412, 1268, 1973, 2233, 3917
– – (in) rat muscles, potentiometric *in vivo*, 1268
– – – sea water, activity, 5226
– – solvation, 1488, 2392, 2393, 3917
– – transport heat, 3172
– – – number, 407, 594, 2393, 3749
– voltammetric, 124, 125, 129, 1021, 1974, 1975, 1976, 1977, 1978, 1979, 1983, 1984, 1985, 2688, 2916, 2919, 2920, 3914, 3915, 4947, 4952, 4953, 4954, 4955
– (I), voltammetric, 1973, 1987, 2915, 3917, 4948, 4949
– – Walden product, 2392
Hydrogen carbonate, (in) biological samples potentiometric, 2292
– – – duodenyl juice, coulometric, potentiometric, 1610
– – mobility, 742
– chlorine, fuel cell, 4798
– chromate, ionization, potentiometric, 3300
– cyanide electrode, selective, 2291
– – reaction (with) hydrofluoric acid, conductometric, 5500
– diacetate thio–, complexes, potentiometric, stability, thermodynamics, 4239
– gold electrode, reactions, 3863, 3865
– iridium electrode, reactions, 3865
– nickel electrode, reactions, 3863, 3864, 3865
– oxygen, fuel cells, 877, 2744
– – – – mass transport, 5933
– – – – water exchange, 875
– peroxide, adsorption (on) platinum, 5820
– – amperometric, 2204
– – anodic behavior, 4951
– – cathodic behavior, 1026, 1781, 2921, 3802, 3918, 5968
– – chronopotentiometric, 1781
– – coulometric, 1608, 3532
– – diffusion, 1127
– – electrode, gamma irradiated, 873
– – – selective, 4143
– – polarographic, 1126, 1127, 3035
– – potentiodynamic, 5820
– – reaction (with) sulfite, potentiometric, 4144
– – – – thiosulfate, conductometric, 4402
– – voltammetric, 1023, 1024, 1025, 1026, 2921, 4951
– – cobalt (II) nitrate potassium tungstate, conductometric, potentiometric, 4145
– phosphate, adsorption (on) platinum, 191
– – amperometric, 5198
– – voltammetric, 191
– – dihydrogen phosphate, buffer, 1449
– phthalate, buffer, 1449
– platinum electrode, reactions, 3863, 3864, 3865
– – – theory, 3815
– rhodium electrode, reactions, 3863, 3864, 3865
– silver electrode, reactions, 3865
– sulfate, adsorption (on) platinum platinized, 4721
– – electrophoretic, mobility, 744
– – solvent (for) voltammetry (*l*), 3995
– sulfide, (in) air, potentiometric, 4277
– – conductometric, 3440
– – coulometric, 2898
– – electrode, selective, 2291
– – poison (for) platinum, 1072
– – potentiometric, 2291, 4276
– – (in) turpentine water, potentiometric, 4278
– – voltammetric, 1072; (*l*) 2964
– sulfite, ionization, potentiometric, 1391
– tartrate, buffer, 1449
– tungsten bronze, anodic behavior, 2746

Hydrogen tungsten bronze, electrolytic, 130
– – – formation, 2746
– – – voltammetric, 130
Hydrolases, electrophoretic, 778, 1710, 1711, 2376, 3669
– *Myzus piscae* strain, electrophoretic, 778
Hydrolysis, data treatment, 1344
Hydroquinone, *see also* Benzene dihydroxy–
– anodic behavior, 254, 348, 3982, 4992
– coulometric, 254, 3533
– polarographic, 348
– potentiometric, 1347, 4158
– reaction (with) vanadium (IV), potentiometric, 3285
– voltammetric, 254, 3982, 4992
– complexes, polarographic, 2128
– dimethyl ether, *see* Benzene dimethoxy–
– oxy–, ionization, potentiometric, 1303
– quinone, *see also* Quinhydrone
– – redox behavior, 5031, 5443
– – voltammetric, 5031
Hydroxamic acid(s) complexes, potentiometric, stability, 5261, 5377
– – derivatives, ionization, potentiometric, 2373
Hydroxonium, *see also* Oxonium
– conductometric, 593
– electrons scavenging, 874, 1828, 3034
– photopolarographic, 1828
– polarographic, 3034
Hydroxyapatite, zero charge point, 2347
Hydroxyl, adsorption (on) manganese (IV) oxide, 2517
– – – silicon carbide, 5827
– mobility, 602, 742
– transport number, 602
– radical, polarographic, 1127
– reaction (with) acrylonitrile, (with) cyclohexane diamine complexes, (with) cyclohexane diamine substituted complexes, (with) ethylene diamine complexes, (with) ethylene diamine substituted complexes, (with) tetraacetic acid substituted complexes, (with) triacetic acid nitrilo–complexes, (with) triacetic acid substituted complexes, polarographic, 1127
Hydroxylamine, adsorption (on) platinum, 5823
– cathodic behavior, 2031
– reaction (with) vanadium (III) complexes, polarographic, 3081
– voltammetric, 2031
– alkyl–, derivatives, anodic behavior, electrolytic, voltammetric, 5045
– complexes, potentiometric, stability, 1437, 5396
– methyl–, complexes, ionization, potentiometric, 1438
– phenyl–, cathodic behavior, 39, 5342
– – galvanostatic, 5342
– – polarographic, 39
– – potentiometric, 5342
Hydroxylamine phenyl–, reaction (with) benzene nitroso–, voltammetric, 1107
Hydroxylases, electrophoretic, 4682, 5787
Hygrometer(s), electrolytic, 110
Hygromycin, electrophoretic, 2531
Hygroton, potentiometric, 3337
Hymatomelanic acid complexes, potentiometric, 2341
Hyoscyamine, potentiometric, 3336
Hypobromite, potentiometric, 2333
Hypochlorite, activity, 5622
– amperometric, 4119
– anodic behavior, 5623
– electrolytic, 5622
– potentiometric, 1338, 2333
Hypochlorous acid, ionization, potentiometric, 3313, 5393
Hypophosphate, potentiometric, 1372
Hypoxanthine (in) milk, polarographic, 1228
– guanine phosphoribosyl transferase, human, electrophoretic, 3693

Ice, conductometric, 4372
Idaite, potentiometric, sulfur fugacity (in), 1384
Ilmenite, decomposition (by) hydrochloric acid, 3491
Imidazole, *see also* Benzimidazole, *see also* Benzodiazole
– conductometric, 107
– aryl–, derivatives, anodic behavior, voltammetric, 1119
– carbaldoxime, derivatives, ionization, potentiometric, tautomerism, 4346
– complexes, formation, 2116
– – polarographic, 2116, 3048
– – potentiometric, 1304
– – stability, 3048
– dicarboxamide substituted, cathodic behavior, polarographic, 5168
– dicarboxylic acid, derivatives, polarographic, 3136
– glycerol phosphate dihydratase, *Salmonella typhimurium*, electrophoretic, 3663
Imidazoline carbaldoxime, derivatives, ionization, potentiometric, tautomerism, 4346
Imides cyclic, benzoxylation, electrolytic, 2486
Imidooximes, potentiometric, 5435
Iminoxyl radical, amperometric, anodic behavior, voltammetric, 2990
Immunoglobulin(s), electrophoretic, 5770
– human, adsorption (on) mercury, cathodic behavior, coulometric, 376
– – electrophoretic, 2619, 2620
– – polarographic, 376
– – milk, electrophoretic, polymorphism, 2618
– A, human colostral, electrophoretic, 1683
– – myeloma serum, electrophoretic, 3639
– E, human serum, electrophoretic, 4669
– G, cow serum, electrophoretic, 3640
– – rabbit, electrophoretic, 3641

Impedance, faradaic, data treatment, 964
– – theory, 35
– high-frequency measurements, 5843
– instrumentation, 978, 1014, 2859, 3906, 4903, 5886
– measurements (in) benzene nitro–, 842
– – – borate (*l*), (in) borosilicate (*l*), 4706
– – – lithium chloride potassium chloride (*l*), 2933, 4999
– – – potassium nitrate (*l*), (in) sodium nitrate (*l*), 2740
– passive state, 1936
– plane analysis, 76
– review, 5886
– theory, 68, 75, 76, 77, 936, 958, 963, 1932, 1933, 1934, 1935, 2859; (*l*) 1909
– transpassive state, 1936
Indandione bisthiosemicarbazone, complexes, polarographic, 325
– derivatives, cathodic behavior, polarographic, 3137
– ethylmethylamino–, adsorption (on) mercury, 4738
– nitro– bisthiosemicarbazone, complexes, polarographic, 325
– phenyl–, derivatives, amperometric, 5205
– phenylethylamino–, adsorption (on) mercury, 4738
Indane amino– substituted, adsorption (on) mercury dropping, polarographic, 5840
Indanone amino– substituted, adsorption (on) mercury, 4738
Indazole, *see also* Benzodiazole
– adsorption (on) mercury dropping, polarographic reduction inhibitor, 4026
– derivatives, adsorption (on) mercury dropping, polarographic, reduction inhibitor, 4026
Indenone phenyl– derivatives, anodic behavior, voltammetric, 3021
Indenyl, anodic behavior, voltammetric, 3007
– derivatives, anodic behavior, voltammetric, 3007
Indicators selection, potentiometric, 5214
Indigodisulfonic acid, reaction (with) free radicals, redox electric tension, 4349
Indigotetrasulfonic acid, reaction (with) free radicals, redox electric tension, 4349
Indium, activity (*l*), 3253
– adsorption (on), 802, 3857
– (in) aluminum, stripping, 2929
– (III), amperometric, 1245, 1247, 3155
– anodic behavior, 82, 865, 1049, 1844, 2016, 5894
– (III), cathodic behavior, 281, 1050, 4043, 4753, 5864
– – chronocoulometric, 281
– – chronopotentiometric, 4753, 5864; (*l*) 825
– – conductometric, 634
– corrosion, 1844, 2926
– – theory, 82
– (III), diffusion (*l*), 825
– (I), disproportionation, 1049
Indium, electrocapillarity (*l*), 2732
– electrode, capacitance differential, 1772, 1775, 2957, 3857
– (III) electrode, electric tension, 4228
– electrode, photoelectrochemistry, 5911
– electrodeposition, 684, 3946
– (III), electrolytic, 684, 3946
– electron work function, 3867
– (in) gallium antimonide, (in) gallium telluride, polarographic, 5097
– hydrophilicity, 3857
– (in) lead, 2121
– – – telluride, polarographic, 5097
– – magnesium, potentiometric, 4229
– (III), polarographic, 281, 1148, 1150, 2831, 4018, 4043
– potentiogalvanostatic, 865
– (I), potentiometric, 2922
– (III), potentiometric, 4229
– stripping, 149
– trace analysis, 149, 3155, 3823, 4018
– voltammetric, 1049, 2926, 3823
– (I), voltammetric, 1049, 2922
– (III), voltammetric, 149, 907, 1050, 3946
– zero charge point, 177, 3857, 3867, 5918; (*l*) 2732
– (in) zinc, polarographic, 2121
– amalgam electrode, overtension (on), 1981
– antimonide, anodic bejavior, 883, 1051, 5895
– – corrosion, 883
– – electrode, anodic behavior, 5895
– – – cathodic behavior, 4989
– antimony, anodic behavior, corrosion, 2780
– – electrode, double layer, 3741
– – electrodeposition, 4501
– – potentiometric (*l*), 3253
– bismuth, activity, potentiometric (*l*), 5305
– (III) bromide lithium bromide, conductometric (*l*), 5484
– – – potassium bromide, conductometric (*l*), 5484
– – chloride, conductometric, 634
– – – complexes, conductometric, 4418
– (I) chloride sodium chloride zinc chloride, solvent (for) potentiometry (*l*), 3268
– (III) complexes, association, 437
– – – cathodic behavior, 292, 293
– – – polarographic, 286, 292, 293, 1149, 3067, 3068, 4042
– – – potentiometric, 292, 437, 1329, 1330, 1346, 2278, 4198, 4205, 4230
– – – stability, 1149, 1150, 1330, 2278, 3067, 4042, 4198
– compounds, cathodic behavior, voltammetric, 4966
– erbium, potentiometric, thermodynamics (*s*), 1345
– gadolinium, potentiometric, thermodynamics (*s*), 1345
– gallium dropping, adsorption (on) (*l*), 2694
– – electrode, dropping, capacitance differential (*l*), 2694
– – – – overtension (on), 4946, 4947

Indium, gallium electrode, dropping, overtension (on), 124
– – arsenide, potentiometric, thermodynamics (*s*), 476
– hydride, voltammetric, 4966
– iodide, electroosmotic, 4763
– – potentiometric, 4225
– (I) iodide cadmium iodide, conductometric, 5518
– – – tin (II) iodide, conductometric, 5518
– lead, activity (*l*), 5305
– – anodic behavior, 865
– – corrosion, 2926
– – potentiogalvanostatic, 865
– – potentiometric (*l*), 5305
– – voltammetric, 2926
– – zinc, potentiometric, thermodynamics (*l*), 462
– mercury, activity, potentiometric (*l*), 5305
– nickel, potentiometric, thermodynamics (*l*), 5314
– (III) nitrate, reaction (with) sodium tungstate, conductometric, potentiometric, 4152
– perchlorate, hydrolysis, potentiometric, 5316
– potassium, potentiometric, thermodynamics (*l*), 1285
– silver, activity, galvanometric (*s*), 1790
– telluride, conductometric, polymorphism (*s*), 633
– tin, activity (*l*), 5305
– – electrode, double layer, 3741
– – potentiometric (*l*), 5305
– uranium, potentiometric, thermodynamics (*l*), 5315
Indole, *see also* Benzopyrrole
– acetic acid, oxidation products, electrophoretic, 4592
– derivatives, cathodic behavior, coulometric, voltammetric, 4008
– hydroxy–, electrosynthesis, 2495
– – derivatives, electrosynthesis, 5661
– nitrophenyl–, electrolytic, polarographic, 2495
Indolyl nitroacrylate, cathodic behavior, electrolytic, 4551
Indomethacin, cathodic behavior, polarographic, 373
Indophenol, reaction (with) free radicals, redox electric tension, 4349
– dichloro–, reaction (with) free radicals, redox electric tension, 4349
Initiation factor, ascites cells, electrophoretic, 3711
Inosamine, complexes, electrophoretic, 5693
Inosine triphosphate, complexes, potentiometric, stability, thermodynamics, 4178
Inositol hexasulfate, reaction (with) lysozyme, (with) RNAase, conductometric, 3445
Insecticides chlorinated, voltammetric, 4015
Insulin, electrophoretic, purity, 1684
– « big, big » plasma, electrophoretic, 3642
Integrator(s), electrochemical, 117, 1916
– – – theory, 59
Interface, *see also* Interphase
– mass transport (at), theory, 8
– overtension, theory, 2795
Interphase, *see also* Interface
– electrochemical, conductometric, 2385
Intracytoplasmic particles A, electrophoretic, 2591
Invertases, electrophoretic, 5788
Iodate, amperometric, 1254
– polarographic, 1126
– potentiometric, 1254, 1423, 3280
– reaction (with) arsenic (III), potentiometric, 3280
– – – chromium (II), potentiometric, 3296
– – – phosphine, potentiometric, 3279
– reduction (by) hydrazine, 1423
– iodide, (in) sea water, polarographic, 1425
Iodic acid, potentiometric, 3187
Iodide, adsorption (on) bismuth, 798, 1982
– – – cadmium, 1569
– – – gold, 1078
– – – mercury, 795, 797, 2721, 4724
– – – nickel, 1983, 2702
– – – platinum, 193, 1078
– – – silver, 1078
– amperometric, 1255, 5191
– anodic behavior, 273, 1796, 2004, 3094, 5026
– conductometric, 1488
– – (*s*), review, 4414
– (in) drugs, potentiometric, 1417
– electrode, selective, 502, 1297, 3278, 3316, 4264, 4302
– – – calibration, 1424
– – – temperature coefficient, 431
– electrogeneration, 1424
– electrophoretic, mobility, 744
– (in) pharmaceuticals, potentiometric, 1417
– polarographic, 273, 1126
– potentiometric, 516, 1297, 1400, 2255, 2271, 3216, 3316, 4158, 4187
– – review, 5381
– solvation, 1488
– trace analysis, 5191
– voltammetric, 173, 211, 1078, 2004, 2973, 3094, 5026
– complexes, cathodic behavior, 205
– – conductometric, 4434
– – polarographic, 4040
– – stability, 4040, 4434
– – voltammetric, 205
– iodate, (in) sea water, polarographic, redox electric tension, 1425
– iodine, potentiometric, 533, 1419
– – thermodynamics, 533
– – voltammetric, 213, 214, 2053
Iodine, adsorption (on) carbon activated, 1754
– – – platinum, 4955
– amperometric, 1254
– (in) blood, electrophoretic, transport, 2516
– cathodic behavior, 205, 862

Iodine, coulometric, 727, 3539
– electrodeposition, 3501
– electrogeneration, 211, 728
– electrolytic, 2955
– (in) organic compounds, coulometric, 3896
– polarographic, 1126, 3051
– potentiometric, 1254, 1423, 1424
– reaction (with) phospholipids, conductometric, 2439
– – – pyrazoline derivatives, conductomettric, potentiometric, 534, 3315
– – – pyrine thio–, conductometric, potentiometric, 3315
– – – thiosulfate, potentiometric, 2318, 4281
– trace analysis, 1423
– voltammetric, 205, 728
– cyanide, amperometric, 2205
– fluoride, conductometric, 4438
– iodide, potentiometric, 533, 1419
– – thermodynamics, 533
– – voltammetric, 213, 214, 2053
– perylene potassium silver thiocyanate silver, battery, 878
– polycomplexes, conductometric, 3436
– triiodide, discharge, theory, 1938
– – voltammetric, 2054
Iodobenzenenonahydro*closo* decaborate, cathodic behavior, coulometric, electrolytic, polarographic, 5108
Ion(s), activity individual, potentiometric, 920
– – – theory, 3, 50
– – scale (with) electrode selective, 2225
– association, theory, 931
– exchanger, kinetics, potentiometric, 401
– – regeneration, 833, 1965
– – – theory, 4
– – suspension effect, conductometric, theory, 48
– hydration, conductometric, theory, 930
– mobility, electrophoretic, 744
– – isotopic effect (on), 3406
– – theory, 4872
– transport, theory, 2819, 2820
– – (through) lipid films, 3468
Ionic concentration gradient constant (in) biology, 2442
Ionization, constants, computerization, 3838
Iproniazid, polarographic, 4059
Iridium, adsorption (on), 64, 802, 1588, 1737, 1738, 1750, 1974, 1985
– amperometric, 5190
– anodic behavior, 2757, 5913
– electrochemical behavior, 849
– electrode, anodic behavior, 1750
– – oxidized, cathodic behavior, chronoamperometric, 2986
– – potentiodynamic, 1588, 5913
– – surface properties, 1738
– – voltammetric, 1985
– electrodeposition, 1588
– – review, 1565
Iridium Raney, electrode, chronopotentiometric, 4756
– redox behavior, theory, 3230
– voltammetric, 2985
– complexes, cathodic behavior, 1052
– – conductometric, 5505, 5510
– (I) complexes, conductometric, 5558
– (III) complexes, conductometric, 5558
– (IV) complexes, conductometric, 635
– complexes, electromigration, 4588
– – electrophoretic, 5701
– (III) complexes, electrophoretic, 2907
– (IV) complexes, electrophoretic, 2907
– (II) complexes, formation, 5264
– (IV) complexes, ionization, 635
– (II) complexes, potentiometric, 5264
– (IV) complexes, potentiometric, stability, 3326
– complexes, voltammetric, 1052
– hydrogen electrode, processes, 3865
– (IV) oxide, potentiometric, thermodynamics (*s*), 1436
– platinum, adsorption (on), 5834
– ruthenium Raney, adsorption (on), 1737
Iron (II–III), activation energy, 1818
– adsorption (on), 64, 5836
– (in) aluminum bronzes, potentiometric, 3249
– amperometric, 1613, 3153
– (III), amperometric, 1256
– anodic behavior, 853, 887, 1030, 1081, 1816, 1817, 1848, 1849, 2738, 2742, 2743, 2782, 2977, 2978, 2980, 3866, 3923, 3981, 4783, 5399, 5598, 5885, 5900, 5912
– cathodic behavior, 853
– (II), cathodic behavior, 2099, 2151, 2979, 3916
– (III), cathodic behavior, 28, 1062, 2099, 3042, 3491
– (in) cement, polarographic, 312, 1160
– charge transfer (*l*), 132
– (II–III), charge transfer, 1793
– (0–II), chronoamperometric (*l*), 3925
– (II–III), chronoamperometric (*l*), 3925
– (0–II), chronopotentiometric (*l*), 3925
– (II–III), chronopotentiometric (*l*), 3925
– corrosion, 885, 1082, 1849, 3798, 3799, 3980, 5399, 5956
– – inhibition, 887, 2738, 2782, 2977, 2978, 3981, 5386, 5885, 5957
– coulometric, 753, 1133, 1613
– (II), coulometric, 1609, 4567
– deoxydation (*l*), 2507
– (II), diffusion (*l*), 3480
– (III), diffusion, 1127 ; (*l*) 3480
– (in) dolomite, polarographic, 312
– electric tension *vs* pH diagram, 3319
– electrocrystallization, 1579
– electrode (for) accumulators, 1839
– – anodic behavior, 2055, 2981, 5901
– – capacitance differential, 887
– – cathodic layer pH, 4516
– (II–III) electrode, chronopotentiometric, 982

Iron, electrode, coupled parallel processes, 79
– – impedance, 2742, 2743, 3768
– – overtension (on), 1020, 1849
– – passivation, 2981
– – (for) potentiometry, 1372
– – powder (for) alkaline accumulators, 1839
– (III) electrode, selective, 539, 5309
– (II–III) electrode, temperature coefficient, 5404
– electrode, voltammetric, 5957
– electrodeposition, 52, 697, 1584, 1585, 2979
– (II), electrodialytic, 2735
– electrolytic, 1563, 5588
– (II), electrolytic, 52 ; (*l*) 3480
– (III), electrolytic (*l*), 3480
– electron work function, 3867
– (II), electrophoretic, 3566
– (III), electrophoretic, 945, 3560, 3566
– (II–III), exchange current, 218, 1818
– (in) fertilizers, polarographic, 4039
– Flade electric tension, 217
– galvanostatic, 2738, 2980, 5885
– (II–III), galvanostatic, 1793
– (in) manganese-brasses, potentiometric, 3249
– oxygen (in) (*l*), 2507, 5361
– passivated, transient behavior, 3781
– passivation, 1817, 3768, 4821
– polarographic, 1133, 3071
– (0–II), polarographic (*l*), 3925
– (II), polarographic, 2099, 2151, 3042, 3916
– (II–III), polarographic, 1174 ; (*l*) 3925
– (III), polarographic, 1127, 2099, 2137
– potentiodynamic, 5912
– potentiometric, 1613, 3980, 5399
– (0–II), potentiometric (*l*), 3925
– (II), potentiometric, 927, 3228, 3262, 5327 ; (*l*) 5405
– (II–III), potentiometric (*l*), 3925
– (III), potentiometric, 435, 3195, 3320, 4284, 5309
– potentiostatic, 2980, 5885
– purity, 1032
– (II–III), redox electric tension, 4267, 5404
– (in) serum, amperometric, coulometric, 4565, 4566
– – silicates, potentiometric, 5311
– – silver halides, polarographic, 4022
– stripping, 2057
– (in) sugar, polarographic, 5135
– – superphosphates, polarographic, 5096
– (II–III), thermodynamics, 1818
– (in) titanium compounds, coulometric, 3541
– – – oxide, polarographic, 5119
– trace analysis, 2137, 4022, 4567
– (II–III), transport, 1818
– (III), transport, 28
– voltammetric, 94, 982, 1030, 1081, 1082, 2782, 2977, 2978, 3799, 3923, 3980, 4963, 5956
– (0–II), voltammetric (*l*), 3925
– (II), voltammetric, 907, 2979, 2980
Iron (II–III), voltammetric, 1086, 4990, 5018 ; (*l*) 3925
– (III), voltammetric, 1062
– (in) waste water, polarographic, 1172, 3039
– wires, activation pulse (along), 4847
– zero charge point, 3867, 4963
– alloys, carbon (in), 3540
– – electrolytic, purification, 2469
– aluminum, anodic behavior (*l*), 3770
– – oxide, conductometric (*s*), 4417
– – silicon, activity, potentiometric, 1341
– amalgam, anodic behavior, 1806
– – iron (II) electrode, cathodic behavior, voltammetric, 1083
– Armco, corrosion, 1082, 1850, 5949
– – – inhibition, 5959
– – electrode, overtension (on), 4954
– – voltammetric, 1082, 5949
– cadmium, electrodeposition, 2451
– – nickel, electrodeposition, 5603
– (II) carbonyl, derivatives, electrosynthesis, 3502
– chromium, adsorption (on), 1749
– – carbon (in), 1355
– – electrochemical behavior, passivation, 1749
– – potentiometric, thermodynamics (*s*), 4283
– – nickel, electrodeposition, review, 3496
– – – phases separation, electrolytic, 850
– – – potentiometric, thermodynamics (*s*), 4283
– cobalt, electrocrystallization, 1586
– – nickel, electrodeposition, 4626
– complexes, adsorption (on) platinum, 3725
– – anodic behavior, 1075
– – cathodic behavior, 3061, 3725
– (0) complexes, cathodic behavior, 2150
– (II) complexes, cathodic behavior, 2060
– (III) complexes, cathodic behavior, 3050
– (II) complexes, conductometric, 436, 2419, 5506
– (III) complexes, conductometric, 443, 1431, 4441
– (II) complexes, coulometric, 1609
– (III) complexes, coulometric, 219
– (III) complexes, diffusion, 1127
– complexes, electrolytic, 1075
– (II) complexes, electrolytic, 219, 3502
– (III) complexes, electrolytic, 219
– (II) complexes, electrophoretic, 1616
– (III) complexes, electrophoretic, 1616, 2250, 2512
– (II) complexes, formation, 5412
– – – oscillometric, 4440
– complexes, polarographic, 3045, 3061
– (0) complexes, polarographic, 2150
– (II) complexes, polarographic, 3047
– (III) complexes, polarographic, 312, 314, 1127, 3047, 3050, 3065, 5136
– (II) complexes, potentiometric, 436, 464, 537, 1421, 1429, 2251, 3192, 4440, 5406, 5417

Iron (III) complexes, potentiometric, 443, 497, 537, 540, 1308, 1431, 1432, 2250, 4304, 5406, 5407, 5408
– (II–III) complexes, redox behavior, 1820
– – – – electric tension, 538
– (II) complexes, stability, 436, 464, 2251, 3192, 4440, 5033, 5406
– (III) complexes, stability, 443, 497, 1308, 1432, 2250, 4304, 5406, 5407
– (II) complexes, thermodynamics, 3192
– complexes, voltammetric, 1075
– (II) complexes, voltammetric, 219, 5033
– (III) complexes, voltammetric, 219
– copper, potentiometric, thermodynamics (*l*), 1294
– – sulfide, conductometric (*s*), 3413
– ferritin, mobilization, 315
– – polarographic, 315, 1176
– germanium, electrodeposition, 5609
– hexacyanoferrate (III), mass transport, 3818
– (III) hydroxide, cathodic behavior, 4770
– – – electrolytic, 4525
– – – galvanostatic, 4770
– (II) iron amalgam, cathodic behavior, voltammetric, 1083
– molybdenum nickel, electrodeposition, 4516
– – – electrowinning, 694
– nickel, anodic behavior, cathodic behavior, 853
– – electrode, overtension (on), 2920
– ores, water (in), 1008
– organoderivatives, polarographic, 4028, 4029
– (II) oxalate, anodic behavior, 3982
– – – electrolytic, 5627
– – – voltammetric, 3982
– oxides, anodic behavior, 1819
– – cathodic behavior, 1084, 1085
– – chronoamperometric, 5860
– (III) oxide, conductometric (*s*), 650
– oxides, electric tension *vs* pH diagram, 5400
– – electrodeposition, 5860
– (III) oxide, galvanostatic, 4770
– – – surface conductance, 3423
– oxides, voltammetric, 1084, 1085
– (III) oxide, zeta electric tension, 3423
– – – aluminum oxide nitrogen (V) oxide, conductometric, potentiometric (*s*), 4224
– – – bismuth (III) oxide, conductometric (*s*), 648
– (II) oxide iron (III) oxide, redox electric tension, 5250
– oxides iron sulfides, potentiometric, thermodynamics (*s*), 1427, 1428
– (II) oxide lead (II) oxide silicon oxide, potentiometric (*l*), 3178
– – – magnesium oxide, coulometric, 3538
– (III) oxide silicon oxide, zeta electric tension, 4793
– – – titanium (IV) oxide, conductometric (*s*), 645
– – pentanedioate, polarographic, 3037
Iron (II) perchlorate, complexes, cathodic behavior, 4069, 5034
– (III) perchlorate, complexes, conductometric, 5543
– (II) perchlorate, complexes, polarographic, voltammetric, 4069, 5034
– (III) porphyrin, polarographic, 4070
– phosphide, electrocatalytic, 1856
– phosphorous, potentiometric, thermodynamics (*l*), 5348
– phthalocyanine, conductometric, 1837
– – electrocatalyst, 1837, 3803, 4823
– plutonium electrode, processes, potentiometric (*l*), 454
– proteins, redox electric tension, 541
– silicon, anodic behavior, voltammetric, 3950
– (III) sulfate, electrolyte (for) galvanic cells, 540
– (II) sulfide, potentiometric, thermodynamics (*s*), 1427
– sulfide copper sulfide nickel sulfide electrode, anodic behavior, 1807
– – iron oxides, potentiometric, thermodynamics (*s*), 1427, 1428
– (III) sulfide minerals, cathodic behavior, 3983
– sulfides nickel oxides, potentiometric, thermodynamics (*s*), 1428
– thorium, potentiometric, thermodynamics (*s*), 5341
– tin, anodic behavior, corrosion, 2781
– – plated, thickness, coulometric, 1002
– titanium, anodic behavior, 5953
– – potentiometric (*s*), 5339
– – potentiostatic (*s*), 5953
– – thermodynamics (*s*), 5339
– uranium, potentiometric, thermodynamics (*l*), 3302
– – carbide, potentiometric, thermodynamics (*s*), 2321
– vanadium, coulometric, 1003
– water, electric tension *vs* pH diagram, 1265
Isatin, cathodic behavior, polarographic, 1220
– derivatives, cathodic behavior, 1220
– – hydrolysis, 372
– – polarographic, 372, 1220
Isocyanates aromatic, polarographic, 3114
Isomerases, electrophoretic, 1719, 3664
Isoniazid, coulometric, potentiometric, 4563
Iosophorone, hydrodimerization, voltammetric, 3002
Isoprene, *see also* Butadiene methyl–
– adsorption (on) platinum platinized, 2706
– carbonyl compounds (in), polarographic, 324
– copolymers, potentiometric, 4311
Isorenin, mice, electrophoretic, 3643
Isotopes, polarographic, 1124
– separation, electromigration, theory, 941
Itaconic acid, *see also* Succinic acid methylene–
– – conductometric, 3458
– – ionization, 1458, 3338, 3339, 3458

Itaconic acid potentiometric, 1458, 3338, 3339
– – complexes, polarographic, potentiometric, stability, 2167

Janus Green B, cathodic behavior, coulometric, potentiometric, potentiostatic, voltammetric, 2081
Junction electric tension, *see also* Diffusion electric tension
– – – 414, 416, 425
– – – simulation, 2835
– – – theory, 7

Kanamycin, electrophoretic, 2531
Karl Fisher reagent, electrogeneration, 5679
– – – reaction (with) water, potentiometric, 5216
KB4B2 ion–exchanger, 401
Keratan sulfate, electrophoretic, 756
Ketogulonic acid, polarographic, 330
Ketones, adsorption (on) mercury dropping, 1761
– coupling (with) olefins, electrolytic, 704
– complexes, conductometric, 1542
Kidney cells, hamster, transmembrane electric tension, 5456
Kinases, conductometric, 3466
– electrophoretic, 779, 1709, 1718, 2634, 2655, 2656, 3466, 3660, 3664, 3670, 3671, 5769, 5786, 5794
– potentiometric, 1326
– mammalian, electrophoretic, 2656
– rat liver, electrophoretic, 4683
Kinetics, quantum mechanic theory, 2
– theory, 9, 23, 77, 78
Kininogens, bovine, electrophoretic, 1630
Kojic acid complexes, conductometric, 5525
Kolbe reaction, 707, 708, 710, 1598
KU–1 cation–exchanger, regeneration, 4554
KU–2 cation–exchanger, diffusion (through), 3807
– – – regeneration, 833
KY–5 membrane electrode, 5212

Lactalbumin, electrophoretic, 1673, 4668
– guinea pig, electrophoretic, 5771
Lactam, cathodic behavior, polarographic, 4093
– enamines, cathodic behavior, polarographic, 3126
– methyl–, derivatives, benzoxylation, electrolytic, 2486
Lactamase, electrophoretic, 3672
Lactate, amperometric, 1258
– reaction (with) lactate dehydrogenase, potentiometric, 3321
– complexes, potentiometric, stability, 3277
– dehydrogenase, algae, electrophoretic, 4677
– – *Ambystoma mexicanum*, electrophoretic, 2643
Lactate dehydrogenase, blood serum, electrophoretic, 2644
– – *Bufo americanus, Bufo marinus*, electrophoretic, 1700
– – *Carassius auratus*, electrophoretic, 2645
– – fishes, electrophoretic, 2646
– – human serum, electrophoretic, 3665
– – mammals, electrophoretic, 5727
– – *Plasmodium*, electrophoretic, 3664
– – *Rana pipiens*, electrophoretic, 1701
– – reaction (with) lactate, potentiometric, 3321
– – snakes tissues, electrophoretic, 3666
– – *Taricha torosa*, electrophoretic, 2643
Lactic acid, *see also* Propionic acid hydroxy–
– – ionization, potentiometric, 1457
– – bacteria, activity, potentiometric, 2290
– – complexes, formation, potentiometric, 5303
– – thio–, anodic behavior, polarographic, 329
– – – complexes, formation, potentiometric, 4308
Lactoglobulins, human milk, electrophoretic, 2618
– Pinzgau cattle, electrophoretic, 2600
Lactose, (in) milk, potentiometric, 3347
Lanthanides, (in) organic compounds, potentiometric, 2283
– redox behavior, theory, 3230
– (III) complexes, conductometric, 3428, 4422
– – – electrophoretic, 5697
– oxides, conductometric (*s*), 639
– – hafnium oxide, conductometric (*s*), 4421
Lanthanum (III), amperometric, 388, 5196
– – conductometric, 3426
– – coulometric, 478
– – – electrophoretic, 1619
– – hydrolysis, 478
– – (in) organic compounds, potentiometric, 2283
– – potentiometric, 478, 3256
– – transport numbers, 3426
– carbon nickel electrode, S.E.T., voltammetric, 2018
– chloride, activity, 477
– – conductometric, 604, 3426
– – junction electric tension, theory, 7
– – potentiometric, 477
– – cesium chloride, potentiometric, thermodynamics (*l*), 4154
– – complexes, conductometric, 5524
– – lithium chloride, potentiometric, thermodynamics (*l*), 4154
– – potassium chloride, potentiometric, thermodynamics (*l*), 4154
– – rubidium chloride, potentiometric, thermodynamics (*l*), 4154
– – sodium chloride, potentiometric, thermodynamics (*l*), 4154
– (III) complexes, conductometric, 3257, 3427, 5523, 5525
– – – electrophoretic, 750, 2250

Lanthanum (III) complexes, formation, 5320, 5322
– – – potentiometric, 479, 1348, 1349, 1350, 2250, 2286, 2287, 3257, 4179, 4235, 4236, 4237, 4238, 5307, 5322, 5323, 5324, 5325, 5326
– – – stability, 479, 750, 1348, 1349, 2250, 2287, 3257, 4179, 4238, 5307, 5323, 5325, 5523
– – – thermodynamics, 4237, 5307, 5322, 5326
– fluoride, electrode (for) chronopotentiometry, voltammetry (*l*), 5405
– – thin films, mass transport, voltammetric (*s*), 2947
– – barium fluoride, conductometric (*s*), 3405
– – lithium fluoride, conductometric (*l*), 5482
– germanate, conductometric (*s*), 641
– iodide, conductometric (*l*), 640
– nickel electrode, oxygen evolution (on), voltammetric, 1064
– oxide, voltammetric (*l*), 4977
– telluride, potentiometric, thermodynamics (*s*), 5321
– thiocynate, complexes, conductometric, 5524
– zinc, corrosion, 4816
Laudanine benzyl–, anodic cyclization, electrolytic, 720
Laudanosine, anodic cyclization, electrolytic, 720
Lauric acid, *see also* Dodecanoic acid
– – copolymers, electrodeposition, 4541
Lauroyl peroxide, amperometric, 2217
– – coulometric, 4569
Lauryl maleate, potentiometric, 4311
– sulfate, adsorption (on) platinum, 824
Lawrencium, redox behavior, theory, 3230
Lead acid battery, expander action, 540
– adsorption (on), 3857
– (II), adsorption (on) gallium (*s*) (*l*), 2918
– – – – gold, 1059, 3995
– (in) aluminum, stripping, 2929
– amperometric, 5190
– (II), amperometric, 989, 1247
– anodic behavior, 136, 686, 865, 1845, 3797, 3923, 4428 ; (*l*) 2930
– – – theory, 1914
– battery, expander action, 4802, 5940
– – theory, 84
– (in) biological systems, stripping, 1034
– – blood, polarographic, 5116
– – – stripping, 2953, 2954, 3958
– (II), cathodic behavior, 281, 1059, 2099, 2944, 3919, 3945, 3956, 4972
– charge transfer (*l*), 132
– (II), chromatoamperometric, 989
– chromatopolarographic, 297
– (II), chronoamperometric, 2944
– – chronocoulometric, 281
– chronopotentiometric, 826, 1010
– (II), chronopotentiometric (*l*), 825, 3753
– – conductometric (*l*), 3406
– corrosion, 1845, 3266, 3797 ; (*l*) 2930
Lead (II), coulometric, 2952
– – diffusion (*l*), 825, 3480, 3753
– electrocrystallization, 5940
– – theory, 1914
– electrode, anodic behavior, 3954, 4775
– – capacitance differential, 819, 3857, 4428
– – cathodic behavior, 3955
– – double layer, 819, 3742
– – – – review, 5847
– (II) electrode, electric tension (*l*), 3268
– electrode, hydride formation (on), 3955
– – impedance, 3954
– (II) electrode nonaqueous, S.E.T., 4173, 4231
– electrode paste, forming, 5976
– – porous, resistance, 3433
– – redox, polarization, electrothermographic, 1823
– (II) electrode, selective, 492, 1297
– – – – flow–through, 105
– electrode, voltammetric, 3954, 4428
– electrodeposition, 682, 685, 1058, 1913, 3490, 3945, 4972
– electrodiffusion (*l*), 5879
– (II), electrogeneration, 2952
– electrogravimetric, 1913
– electrolytic, 686
– (II), electrolytic, 1564, 3480
– electron work function, 3867
– (II), electrophoretic, 2513, 5688
– flotation, electrochemical behavior, 892
– (in) food, polarographic, 4021
– – fruit, polarographic, 5117
– – fuels, stripping, 1995
– – gasoline, polarographic, 5113
– hydrophilicity, 3857
– indium (in), 2121
– (in) milk, voltammetric, 3957
– (II), mobility (*l*), 3406
– (in) ores, polarographic, 4050
– – organoderivatives, polarographic, 4029
– – – voltammetric, 153
– passivation, 4820
– (in) plants, chronopotentiometric, 3751, 5862
– – – stripping, 1996
– polarographic, 275, 276, 297, 987, 1131, 2101, 2126, 2129, 4018, 5102
– (II), polarographic, 1157, 2099, 2130, 2831, 4023
– potentiodynamic, 1845
– potentiogalvanostatic, 865
– (II), potentiometric, 105, 492, 1297
– potentiostatic, 685, 1845
– (in) rat liver, polarographic, 1158
– (II), reaction (with) tungsten (VI) heteropolyacids, (with) vanadium (V) heteropolyacids, potentiometric, 4250
– redox behavior, theory, 3230
– (in) sewages, stripping, 3924
– – silicates, electrolytic, 4503
– – silver halides, polarographic, 4022
– solvent (for) potentiometry (*l*), 5353

Lead, stripping, 25, 93, 136, 149, 179, 182, 1031, 2928
– – review, 2007
– trace analysis, 43, 149, 179, 276, 987, 1031, 2101, 2129, 4018, 4022
– (in) urine, polarographic, 2132, 5115, 5116
– – – stripping, 2953
– voltammetric, 25, 153, 182, 1058, 2928, 3923, 4963
– (II), voltammetric, 149, 179, 184, 907, 1059, 2922, 2932, 2944, 3919, 3920, 3945, 3956, 4972
– (in) waste water, polarographic, 2106
– – water, stripping, 1033
– zero charge point, 1772, 3857, 3867, 4963
– (in) zinc, stripping, 2028
– (IV) acetate, potentiometric, 495
– amalgam, anodic behavior, 183, 827, 879
– – chronopotentiometric, 827
– – electrode (for) potentiometry, 3854
– – voltammetry, 183, 2952
– antimony, corrosion, 2926
– – electrode, anodic behavior, impedance, voltammetric, 3954
– – potentiometric, thermodynamics (*l*), 490, 3269
– – voltammetric, 2926
– arsenate, chronopotentiometric, solubility, 2730
– arsenic, potentiometric, thermodynamics (*l*), 3269
– bismuth, activity (*l*), 1365
– – corrosion, 2926
– – enrichment, electrolytic (*l*), 4504
– – potentiometric (*l*), 491, 1365, 3269
– – thermodynamics (*l*), 491, 3269
– – voltammetric, 2926
– – borosulfide, cathodic reactant (for) batteries, discharge, 1841
– (II) bromide, conductometric (*s*), 644
– – – electrode reference (*l*), 3270
– – – potentiometric (*s*), 4167
– – – thermodynamics (*s*), 4167
– – – thermoelectric tension (*l*), 4251
– – – lead (II) chloride, thermoelectric tension (*l*), 4251
– calcium, anodic behavior, 884
– cerium, potentiometric, thermodynamics (*l*), 1351
– (II) chloride, activity, conductometric, potentiometric (*l*), 5242
– – – solvent (for) electrolysis (*l*), 3490
– – – thermoelectric tension (*l*), 4251
– – – fluoride, conductometric (*s*), 4429
– – – lead (II) bromide, thermoelectric tension (*l*), 4251
– – – – – iodide, thermoelectric tension (*l*), 4251
– – – lithium chloride, potentiometric (*l*), 3175
– – – – – potassium chloride, potentiometric, thermodynamics (*l*), 5242
Lead (II) chloride, potassium chloride, conductometric (*l*), 5242
– – – – – electrolytic (*l*), 3475
– – – – – potentiometric, thermodynamics (*l*), 5242
– – – zinc (II) chloride, conductometric (*l*), 4411, 5515
– chromate, chronopotentiometric, 2730
– – electrode, selective, 3267
– – solubility, 2730
– cobalt, corrosion, voltammetric, 2926
– (II) complexes, amperometric, 2207
– – – cathodic behavior, 299, 1136, 4032, 4034, 5092
– – – electrophoretic, 1616, 2250
– complexes, polarographic, 5093
– (II) complexes, polarographic, 38, 287, 299, 1136, 1149, 1152, 2115, 2117, 3047, 4032, 4034, 4040, 5092, 5105, 5118
– complexes, potentiometric, 1364
– (II) complexes, potentiometric, 493, 494, 1317, 2250, 3271, 4175, 4209, 5274
– – – solubility, 1142, 3271
– – – stability, 38, 287, 299, 493, 494, 1136, 1159, 1301, 1303, 1317, 2115, 2117, 2250, 4040, 4175, 4209, 5105, 5118, 5274
– – – thermodynamics, 2115
– compounds, cathodic behavior, voltammetric, 4966
– copper, corrosion, 2926
– – potentiometric, thermodynamics (*l*), 5247
– – voltammetric, 2926
– – amalgam, anodic behavior, voltammetric, 4965
– – zinc, corrosion, 5946
– (II) dithizonate, voltammetric, 4978
– erbium, potentiometric, thermodynamics (*l*), 4245
– (II), conductometric (*s*), 2423, 4429
– – – transport numbers (*s*), 2423
– – – chloride, conductometric (*s*), 4429
– germanium, potentiometric, thermodynamics (*l*), 486
– hexacyanoferrate, chronopotentiometric, solubility, 2730
– hydride, voltammetric, 4966
– (II) hydroxide, cathodic behavior, polarographic, 2131
– indium, activity (*l*), 5305
– – anodic behavior, 865
– – corrosion, 2926
– – potentiogalvanostatic, 865
– – potentiometric (*l*), 5305
– – voltammetric, 2926
– – zinc, potentiometric, thermodynamics (*l*), 462
– (II) iodide, thermoelectric tension (*l*), 4251
– – – lead (II) chloride, thermoelectric tension (*l*), 4251
– lithium, potentiometric, thermodynamics (*l*), 413
– neodymium, potentiometric, thermodynamics (*l*), 4242

Lead (II) oxalate, chronopotentiometric, solubility, 2730
– – oxide, electrolytic (*l*), 1362
– (IV) oxide, cathodic behavior, 838, 4252
– – – electrode (for) amperometry, 5195
– – – – anodic behavior, 158
– – – – (for) batteries, 2778
– – – capacitance differential, 3740
– – – – porous, current distribution, theory, 2812
– – – – – resistance, 3433
– – – – – theory, 2812, 4845
– – – – thermodynamics, 1366
– – – – voltammetric, 158, 2955
– – – electrodeposition, 686, 4505
– – – galvanostatic, 838, 4252
– (II) oxide, potentiometric (*l*), 1362
– (IV) oxide, potentiometric, 4252
– (II) oxide boron oxide, potentiometric, thermodynamics (*s*), 4219
– – – germanium oxide, charge transfer (*l*), 132
– – – – – oxygen diffusion (in), chronoamperometric (*l*), 1777
– – – – – potentiometric (*l*), 3178
– – – iron (II) oxide silicon oxide, potentiometric (*l*), 3178
– – – silicon oxide, charge transfer (*l*), 132
– – – – – oxygen diffusion (in), chronoamperometric (*l*), 1777
– – – – – potentiometric (*l*), 1362, 3178
– – – – – solvent (for) potentiometry (*l*), 5353
– – – sodium hydroxide, solvent (for) electrolysis (*l*), 4504
– – – vanadium (V) oxide, potentiometric (*l*), 3178
– palladium, corrosion, voltammetric, 2926
– platinum, corrosion, voltammetric, 2926
– selenide, conductometric (*s*), 5338
– (II) selenide electrode, selective, 492
– selenide, electrodeposition, 682
– – potentiometric (*s*), 5338
– – arsenic selenide, conductometric (*s*), 643
– silver, corrosion, 2926
– – potentiometric, thermodynamics (*s*), 5277
– – voltammetric, 2926
– sodium, electrolytic, thermodynamics (*l*), 4469
– (II) sulfate, corrosion layers, diffusion electric tension, 3266
– – sulfide electrode, selective, 492
– – – electrolytic (*l*), 3490
– – – polarographic, 5114
– telluride, conductometric (*s*), 5338
– (II) telluride electrode, selective, 492
– telluride, electrosynthesis, 2456
– – indium (in), 5097
– – potentiometric (*s*), 5338
– thallium, corrosion, voltammetric, 2926
– tin, corrosion, voltammetric, 2926
Leather chromic hydrolyzates, conductometric, potentiometric, 1397
Lecithin membranes, conductance, 4464
– – photoelectric tension, 1862
– – surface electric tension, 4464
Legumin, chick pea, electrophoretic, 2548
Lemoral, ionization, potentiometric, 3361
Leucine, desalting, electrophoretic, 753bis
– (in) molasses, electrodialytic, 4761
– potentiometric, 1448
– aminopeptidase, electrophoretic, 4685
– – *Gossypium*, electrophoretic, 1696
– – human serum, electrophoretic, 4684
– complexes, potentiometric, 3208, 3247, 5419
iso–Leucine complexes, potentiometric, 3247
Leucine complexes, stability, 3208, 3247
iso–Leucine complexes, stability, 3247
Leucyl–tRNA synthetase, ***Escherichia coli***, electrophoretic, 5798
Levich Dogonadze theory, 1870
Levoglucosane complexes, polarographic, 5152
Levulinic acid, *see* Pentanoic acid oxo–
Lewis bases complexes, anodic behavior, voltammetric, 2051
– Sargent cell, electric tension, 414
– – junction electric tension, simulation, 2835
Librium, cathodic behavior, polarographic, 4093
Lidocaine, voltammetric, 173
Lidol, ionization, potentiometric, 3361
Lignin, polarographic, 5151
– derivatives, polarographic, 5151
– sulfate, conductometric, ionization, 4460
– sulfonic acid, polarographic, 1237
– – – (in) waste waters, oscillometric, 1545
– – – complexes, polarographic, 1237
Lignocaine hydrochloride, potentiometric, 3337
Limonene, adsorption (on) cadmium amalgam dropping, 5838
Lipase(s), activity, 5452
– polarographic, 345
– potentiometric, 5452
Lipid(s), liver, redox electric tension, 4357
– membranes bilayer, conductometric, 2439, 3467, 5457, 5574
– – – electric tension, 5457
– – – theory, 32
– – bimolecular, electric tension breakdown, 4363
– – – electrochemical behavior, 5923
– – – zeta electric tension, 4703
– – capacitance, 3747
– – conductometric, 667
– – mass transport (through), 667, 3468
– – monolayer, mass transport (through), 2198
– – oscillatory electrochemical reactions, theory, 1946
– – photoconductance, 2440
– – valimomycin–treated, bovine brain, conductometric, 4463

Lipopolysaccharide complexes, *Verticillum alboatrum*, electrophoretic, 1669
Lipoproteins, electrophoretic, 2537, 2538, 3586, 5718
– *Bacillus stearothermophilus* membrane, electrophoretic, 3590
– bovine serum, electrophoretic, 4638
– human blood, electrophoretic, 3591
– – plasma, electrophoretic, 1656, 2566, 3609, 4628
– – serum, electrophoretic, 761, 2580, 4640
– plasma, electrophoretic, 2564, 2565, 3607, 4627, 5734, 5735
– – standardization, 3607
– rabbit serum, electrophoretic, 2582
– serum, electrophoretic, 1663, 2576, 3616, 4637, 5735
– sheep plasma, electrophoretic, 2567
Lipoxidases, pea, electrophoretic, 2657
Lipoxygenase, pea, electrophoretic, 5683
– soybeam, electrophoretic, 5789
Liquid solid interface, conductance, theory, 1908
– – – reaction kinetics, theory, 1920
Lithium (I), adsorption (on) hematite, 5402
– – – – mercury, 1741
– anodic behavior, 671
– (I), cathodic behavior, 131, 272, 2099, 2765, 3036, 3919
– – chronopotentiometric, 131
– – conductometric, 1488
– electrode (for) galvanic cells, 1840
– – electrochemical behavior, 3473
– – glass, 406; (*l*) 1271
– – nonaqueous, 4146
– – S.E.T., thermodynamics, 1270
– (I), electromigration (*l*), 4379
– – electrophoretic (*l*), 1615
– fuel cell, 3785, 3786
– isotopes, exchange, 1802
– (I), mobility, 742, 4762; (*l*) 3389, 3390
– – polarographic, 272, 2099, 3036
– (0–I), potentiometric, 1270
– (I), potentiostatic, 2765
– – reaction (with) benzene nitro–, polarographic, 2097
– (0–I), thermodynamics, 1270
– (I), transport number, 4146; (*l*) 3176, 3390
– – voltammetric, 131, 2922, 3919, 3920
– – Walden product, 5485
– acetate, conductometric, 1496
– – trifluoro–, conductometric, ionization, 1497
– – acetic acid buffer, 4137, 5229
– aluminum electrode, (for) thermal batteries (*l*), 3787
– – chloride, voltammetric, 2924
– – hydride, complexes, conductometric, 5488
– amalgam, adsorption (on), electrocapillarity, 1762
– benzoate benzoic acid buffer, 4137, 5229
– bismuth electrode, 4147
Lithium bismuth, potentiometric, thermodynamics (*l*), 2235
– bromide, activity, 2236
– – association, 601, 3388
– – conductometric, 598, 601, 1494, 1495, 3388, 4376
– – ionization, 598, 4956
– – potentiometric, 2236, 4956
– – voltammetric, 4956
– – indium (III) bromide, conductometric (*l*), 5484
– – potassium bromide, conductometric (*l*), 4379
– bromine, fuel cell, 5935
– butanoate, ionization, potentiometric, 415
– carbonate lithium oxide, solvent (for) voltammetry (*l*), 3933
– – potassium carbonate, conductometric (*l*), 1499
– – sodium carbonate, conductometric (*l*), 1499
– chloride, activity, 2236
– – association, 5486
– – conductometric, 596, 597, 598, 1493, 1494, 1495, 1988, 2396, 5486, 5487; (*l*) 2397, 3393, 3394
– – diffusion, 416
– – electrolytic (*l*), 3393
– – ionization, 598
– – junction electric tension, theory, 7
– – polarographic, 5487
– – potentiometric, 5227, 5228
– – solubility, 5487
– – solvation, 2396
– – solvent (for) chronopotentiometry (*l*), 417, 3753
– – – – potentiometry (*l*), 417
– – thermodynamics, 5227, 5228
– – transport, 5228
– – – number, 416, 4375
– – voltammetric, 1988
– – Walden product, 5486
– – calcium chloride, potentiometric (*l*), 3175
– – cerium (III) chloride, potentiometric (*l*), 3175, 4148
– – – – – thermodynamics (*l*), 4148
– – lanthanum chloride, potentiometric, thermodynamics (*l*), 4154
– – lead (II) chloride, potentiometric (*l*), 3175
– – – – – potassium chloride, potentiometric, thermodynamics (*l*), 5242
– – lithium perchlorate, conductometric (*l*), 600
– – magnesium chloride, conductometric (*l*), 2398
– – – – potentiometric (*l*), 3175
– – potassium chloride, conductometric (*l*), 1500, 4378
– – – – electromigration, 3842
– – – – junction electric tension, 414
– – – – potentiometric (*l*), 1272
– – – – solvent (for) chronoamperometry (*l*), 3232, 4748

Lithium chloride potassiom chloride, solvent (for) chronopotentiometry (*l*), 227, 417, 1098, 1786, 2933, 4757, 5010
– – – – – – coulometry (*l*), 1098
– – – – – – electrochemistry (*l*), 3773
– – – – – – electrolysis, (*l*), 692, 2933, 3773, 3966, 4506
– – – – – – galvanostatic measurements (*l*), 4757
– – – – – – impedance measurements (*l*), 2933, 4999
– – – – – – potentiometry (*l*), 417, 522, 550, 1098, 1283, 1394, 2281, 2345, 3232, 3239, 4271, 5230, 5395
– – – – – – potentiostatic measurements (*l*), 3778, 4757
– – – – – – voltammetry (*l*), 202, 227, 1045, 1098, 2923, 2933, 2936, 2942, 3966, 4856, 4999, 5010
– – – – thermodynamics (*l*), 1272
– – – – voltammetric (*l*), 4378
– – sodium chloride vanadium (II) chloride, solvent (for) electrolysis (*l*), 3492
– – strontium chloride, potentiometric (*l*), 3175, 3176
– chlorine, fuel cell, 1834
– chloroaluminate, conductometric, polarographic, solubility, 5487
– chromate, conductometric, coulometric, transport numbers (*s*), 2394
– – silver chromate, conductometric (*s*), 1492
– (I) complexes, conductometric, 3395, 5489
– copper (II) sulfide, fuel cell, 5934
– fluoride, conductometric (*l*), 4377
– – aluminum fluoride, conductometric (*l*), 3392
– – beryllium fluoride, potentiometric (*l*), 4147
– – – – sodium fluoride, solvent (for) chronopotentiometry (*l*), 2728
– – – – zirconium fluoride, solvent (for) chronoamperometry (*l*), 187
– – – – – – – – – chronopotentiometry, potentiometry, voltammetry (*l*), 187, 5405
– – lanthanum fluoride, conductometric (*l*), 5482
– – neodymium fluoride, conductometric (*l*) ; 5482
– – potassium fluoride, solvent (for) electrolysis (*l*), 2457
– – – – sodium fluoride, solvent (for) chronoamperometry (*l*), 187
– – – – – – – – – chronopotentiometry (*l*), 187, 5405
– – – – – – – – – potentiometry (*l*), 187, 2342, 5405
– – – – – – – – – voltammetry (*l*), 187, 5405
– gallium, potentiometric, thermodynamics (*s*), 1269
– halides, association, conductometric, ionization, 3387
– hexanoate, ionization, potentiometric, 415
– hydroxide, electrode non-aqueous, 4146
Lithium iodide, association, 3388
– – conductometric, 598, 3388
– – ionization, 598, 4956
– – potentiometric, voltammetric, 4956
– – aluminum oxide, conductometric (*s*), 3384
– lead, potentiometric, thermodynamics (*l*), 413
– manganese (IV) oxide, fuel cell, 5934
– metaphosphate, conductometric (*l*), 602
– metavanadate, cathodic behavior, voltammetric (*l*), 2923
– methoxide, association, conductometric, 1498
– molybdenum (VI) oxide, fuel cell, 5934
– niobate, conductometric (*s*), 1490
– nitrate, association, 3386
– – conductometric, 598, 1494, 1495, 3385, 3386, 5487
– – ionization, 598
– – polarographic, solubility, 5487
– – potassium nitrate, solvent (for) potentiometry (*l*), 4193
– – – – – – voltammetry (*l*), 152
– – – – sodium nitrate, solvent (for) capacitance measurements (*l*), 4512
– – – – – – – – – electrochemistry (*l*), 5902
– – – – – – – – – electrolysis (*l*), 4512
– – silver chloride, thermodynamics (*l*), 1803
– – – nitrate, conductometric (*l*), 3390
– octanoate, ionization, potentiometric, 415
– organoderivatives, conductometric, polymerization, 599
– oxide, potentiometric, thermodynamics (*s*), 3174
– – lithium carbonate, solvent (for) voltammetry (*l*), 3933
– – nickel (II) oxide, adsorption (on), 4719
– – – – – conductometric (*s*), 1491
– – – – – potentiometric, thermodynamics (*s*), 3174
– perchlorate, association, 3387
– – conductometric, 596, 598, 1494, 1495, 2395, 2396, 3387, 4374, 5487
– – ionization, 598, 3387
– – polarographic, 3037, 4017, 5487
– – solubility, 5487
– – solvation, 2396
– – voltammetric, 4017
– – cesium perchlorate, conductometric, electrophoretic, transport numbers (*l*), 5483
– – lithium chloride conductometric (*l*), 600
– – sodium perchlorate, conductometric, electrophoretic, transport numbers (*l*), 5483
– picrate, conductometric, 1496
– propionate, ionization, potentiometric, 415
– propylene carbonate cadmium fluoride, battery, 1842
– – – zinc fluoride battery, 1842
– salicylate, conductometric, 1496
– silicate, conductometric (*s*), 5480
– sodium sulfate, conductometric (*l*) (*s*), 595
– – – electromigration (*s*), 4762

Lithium sulfate, conductometric (*l*) (*s*), 5481
– – electromigration (*s*), 4762
– – potassium sulfate, solvent (for) chronopotentiometry (*l*), 825
– – – – sodium sulfate, conductometric (*l*), 3391
– zinc, potentiometric, thermodynamics (*l*), 5230
Lobeline hydrochloride, polarographic, 4108
Lorazepam, polarographic, 378, 4911
Loxapine, ionization, potentiometric, 1475
Lubricants aliphatic, sulfide (in), 3998
Luminophores, chloride (in), 4067
Lutetium (III), amperometric, 388
– chloride, complexes, conductometric, 5524
– (III) complexes, conductometric, 5523
– – – potentiometric, 479, 1348, 2287
– – – stability, 479, 1348, 2287, 5523
– fluoride, conductometric (*s*), 3425
– isothiocyanate, complexes, conductometric, 5524
– perchlorate, complexes, conductometric, 4425
Lutidine, polarographic, 2098
– complexes, conductometric, 1516, 3443
– – potentiometric, stability, 1334
Lysine, electrophoretic, 2533, 2908
– polarographic, 1200
– complexes, conductometric, 1367
– – potentiometric, 1367, 3247, 5354
– – stability, 1367, 3247
– – thermodynamics, 1367
– copolypeptides, conductometric, potentiometric, 2360
Lysose complexes, potentiometric, stability, 2272
Lysozime, adsorption (on) mercury, 2718
– reaction (with) chondroitin sulfate, (with) DNA, (with) hexacyanoferrate (II), (with) inositol hexasulfate, conductometric, 3445

Macroglobulin, electrophoretic, 4652
Madribon, potentiometric, 3337
Magnesiovustite, coulometric, 3538
Magnesium (II), adsorption (on) hematite, 5402
– – amperometric, 3153
– – anodic behavior, 2940, 3937
– – cathodic behavior, 3919
– – conductometric (*l*), 3406
– (in) cotton, potentiometric, 1321
– electric tension *vs.* pH diagram, 4200
– (II), electrodes, selective, 1320
– electrodeposition (*l*), 161
– (II), electrolytic (*l*), 161, 3393
– – electrophoretic, 747
– indium (in), 4229
– (II), mobility (*l*), 3406
– (in) plants, amperometric, 4116
– polarographic, 2101
– (II), potentiometric, 435, 2266, 5286
– (in) silicates, potentiometric, 5311
– – soil, amperometric, 4116
Magnesium, (in) soil, potentiometric, 1322
– voltammetric, 2940, 3937
– (II), voltammetric, 3919
– – (in) water, potentiometric, 5287
– alloys, anodic behavior, 881
– – corrosion, 881, 3871
– aluminum, corrosion, voltammetric, 5948
– – spinel, electrolytes (for) potentiometry (*s*), 512
– amalgam electrode, S.E.T., 1318
– bromide, ionization, potentiometric, voltammetric, 4956
– chloride, chronopotentiometric (*l*), 3232
– – conductometric, 1519, 2408, 2418, 3417, 5512; (*l*) 3393
– – electrolytic (*l*), 3393
– – electrometroosmotic, 4763
– – potentiometric (*l*), 417, 3232
– – solvent (for) potentiometry (*l*), 3276
– – cesium chloride, conductometric (*l*), 2398
– – hydrochloric acid, conductometric, 2418, 3417
– – lithium chloride, conductometric (*l*), 2398
– – – – potentiometric (*l*), 3175
– – potassium chloride, conductometric (*l*), 2398
– – – – potentiometric (*l*), 3175
– – rubidium chloride, conductometric (*l*), 2398
– – sodium chloride, conductometric (*l*), 2398
– – – – potentiometric (*l*), 3175
– (II) complexes, conductometric, 436, 4382
– – – coulometric, 5669
– – – electrophoretic, 2250
– – – formation, 5288
– – – polarographic, 1138
– – – potentiometric, 422, 436, 455, 1301, 2250, 2265, 3275, 4178, 5288, 5289
– – – stability, 436, 455, 1138, 1301, 2250, 2265, 3275, 4178, 5289, 5669
– – – thermodynamics, 4178
– gallium, potentiometric, 5286
– hydroxide, adsorption (on) mercury, 2692
– iodide, ionization, potentiometric, voltammetric, 4959
– mercury, anodic behavior, voltammetric, 3937
– nickel electrode, processes, potentiometric (*l*), 454
– nitrate, conductometric, 5512
– – solvent (for) potentiometry (*l*), 4192
– oxide, coulometric, transference number (*s*), 4559
– – aluminum oxide, electrolytes (for) potentiometry, 512
– – – – potentiometric, transport numbers (*s*), 1319
– – – – calcium oxide, voltammetric (*l*), 2002
– – iron (II) oxide, coulometric, 3538
– – nickel (II) oxide, conductometric (*s*), 2417

Magnesium oxide silicon oxide, electrolytes (for) potentiometry (*s*), 512
– perchlorate, conductometric, 1520, 5487
– – polarographic, 4017, 5487
– – solubility, 5487
– – voltammetric, 4017
– sulfate, conductometric, 5512
– – electroosmotic, 4763
– yttrium, electrolytic (*l*), 3483
Magnetite, anodic behavior, 1819
– cathodic behavior, chronopotentiometric, voltammetric, 217
Magnetoelectrochemistry, theory, 1874
Magnetopolarography, technique, 3032
Malachite green, coulometric, 3533
Malate, electrophoretic, 3568
– complexes, anodic behavior, 299, 1145
– – polarographic, 299, 1145, 3044
– – potentiometric, 4208
– – stability, 299, 1145, 4208
– dehydrogenase, electrophoretic, 777, 2647, 4678
– – algae, electrophoretic, 4677
– – *Carassium auratus*, electrophoretic, 2645
– – carrot, electrophoretic, 4676
– – Coffea, electrophoretic, 2549
– – *Plasmodium*, electrophoretic, 3664
– – *Rana pipiens*, electrophoretic, 1701
– – *Sclerotinia*, electrophoretic, 5751
Maleate, electrophoretic, 2906
Maleic acid *see also* Butenedioic acid
– – anodic behavior, 2482
– – cathodic behavior, 1597, 4822
– – conductometric, 3458, 5432
– – electrode, selective, 4338
– – electrophoretic, 2482
– – ionization, 1457, 1458, 3338, 3458, 5432
– – oxidation (by) osmium (VIII), 5636
– – potentiometric, 1457, 1458, 3338, 5432
– – complexes, polarographic, 5130
– – – potentiometric, 4244, 5357
– – – stability, 4208, 4244, 5130
– – – thermodynamics, 4244
– – methyl–, ionization, potentiometric, 1458
– – – complexes, potentiometric, 2286
– anhydride, conductometric, 659
– – potentiometric, 4317
– – copolymers, anodic behavior, electrolytic, 2482
Maleimide, aryl derivatives, cathodic behavior, voltammetric, 3006
Maleonitriledithiolate complexes, voltammetric, 5038
Malic acid, *see also* Succinic acid hydroxy
– – electrode, selective, 3340
– – ionization, 1457
– – polarographic, 2162
– – potentiometric, 1457
– – complexes, potentiometric, 1350, 2286
– – thio–, complexes, formation, potentiometric, 4308
– enzyme, pear, electrophoretic, 2639
Malonamide tetramethyl–, complexes, conductometric, 5524
Malonate, electrophoretic, 3568
– ethylmethyl–, coupling (with) *iso*–pentanoic acid, electrolytic, 710
Malonic acid, *see also* propanedioic acid
– – adsorption (on) mercury, 1763
– – amperometric, 1257
– – conductometric, 3458
– – ionization, 1457, 1458, 3338, 3339, 3458
– – oxidation (by) bromate, potentiometric, 3341
– – complexes, amperometric, 3152
– – complexes, formation, 5303
– – potentiometric, 1352, 1456, 1457, 1458, 2288, 2307, 3388, 3389, 4208, 5259, 5303
– – complexes, stability, 3152, 5259
– – oxo–, amperometric, 1257
– – phenyl–, potentiometric, 1459
Malonitrile complexes, conductometric, 1536
Maltase, rabbit, electrophoretic, 3673
Maltol complexes, potentiometric, 3204
Mandelic acid, potentiometric, 578
– – complexes, cathodic behavior, polarographic, 3093
– – – potentiometric, stability, 3277
Mandelonitrile, *see* Amygdalin
Manganate, *see also* Manganese (VI)
– cathodic behavior, voltammetric, 3979
Mangnanese (VI), *see also* Manganate
– (VII), *see also* Permanganate
– adsorption (on), 64
– amperometric, 1613, 2215
– (VII), amperometric, 2211
– anodic behavior, 5588
– (II), anodic behavior, 2974
– – cathodic behavior, 2056, 2099, 3978, 5028, 5868
– (VI), cathodic behavior, 3979
– (VII), cathodic behavior, 1062
– (in) cement, polarographic, 312, 1160
– (II), chronopotentiometric, 5868
– coulometric, 1613
– (VII), coulometric, 1003
– (II), diffusion, 3055
– (in) dolomite, polarographic, 312
– electrode, anodic behavior, 2055
– electrodeposition, 1426
– (III), electrogeneration, 3545
– electrolytic, 5588
– (II), electrolytic, 5028
– (IV–VII), formal electric tension, 518
– (in) ores, amperometric, 4120
– polarographic, 2101, 4068
– (II), polarographic, 2099, 3055, 4044
– potentiometric, 1613
– (II), potentiometric, 535
– (III), potentiometric, 3317
– (IV–VII), potentiometric, 518
– (VII), potentiometric, 3262
– (in) soil, chronopotentiometric, 1783
– – – polarographic, 2104
– – steel, polarographic, 2103
– stripping, 149, 215
– (II), transport number, 4383
– voltammetric, 2056

Mangnanese (II), voltammetric, 149, 2974, 3978, 5028
– (VI), voltammetric, 3979
– (VII), voltammetric, 1062
– (in) waste waters, polarographic, 1172, 2106
– amalgams, anodic behavior, 1806, 5027
– – voltammetric, 5027
– borosulfide, cathodic reactant (for) battery, discharge, 1841
– brass, iron (in), 3249
– carbide, potentiometric, thermodynamics (*s*), 2335
– (II) carbonyl derivatives, electrosynthesis, 3502
– – chloride, conductometric (*l*), 1515
– (I) chloride, potentiometric (*l*), 5395
– (II) chloride, potentiometric (*l*), 5395
– (I) chloride, thermodynamics (*l*), 5395
– (II) chloride, thermodynamics (*l*), 5395
– cobalt, electrodeposition, 5028, 5624
– – nickel, electrodeposition, 2468
– (II) complexes, cathodic behavior, 2107, 4032, 4034
– (III) complexes, cathodic behavior, 3050
– (II) complexes, conductometric, 2419, 3130
– – – electrolytic, 3502
– – – electrophoretic, 1616
– – – formation, 5264
– complexes, polarographic, 3045, 5152
– (II) complexes, polarographic, 312, 2107, 3047, 4032, 4034
– (III) complexes, polarographic, 3050
– (II) complexes, potentiometric, 464, 1309, 2251, 3198, 3201, 3209, 3978, 4178, 5260, 5261, 5264, 5268, 5270, 5273, 5289, 5298, 5396, 5397
– – – stability, 464, 1309, 2107, 2251, 3198, 3201, 3209, 3978, 4178, 5260, 5261, 5268, 5273, 5289, 5396, 5397
– – – thermodynamics, 4178
– complexes, voltammetric, 2975
– (II) complexes, voltammetric, 3939
– copper nickel, electrodeposition, 5270
– cyclopentadienyl–, cathodic behavior, polarographic, 3059, 3061
– (II) hexacyanoferrate membrane, charge reversal, poisoning, mass transport (though), 4971
– nickel, anodic behavior, 3977
– organoderivatives, polarographic, 4028
– (IV) oxide, adsorption (on), 2517
– – – anodic behavior, cathodic behavior, 4782
– – – electrochemical behavior, review, 3806
– – – electrode, (for) amperometry, 5195
– – – – overtension (on), 196
– – – – (for) potentiometry, 1393
– – – electrodeposition, 4522
– – – electrolytic, 3503
– – – electrophoretic, 2517, 3565
– – – potentiometric, transport number (*s*), 2336
– – – voltammetric, 4782
Mangnanese (IV) oxide, carbon black electrode porous, resistance, 3433
– – graphite electrode, (for) potentiometry, 1393
– – – lithium fuel cell, 5934
– – – zinc battery, 2777
– (II) perchlorate, polarographic, voltammetric, 4017
– phthalocyanine, electrocatalyst, 4823
– tin, potentiometric, thermodynamics (*s*), 5335
– vanadium, coulometric, 1003
– zinc, anodic behavior, voltammetric (*l*), 163
– – amalgams, anodic behavior, voltammetric, 4976
Mannitol, conductometric, 2408
– borate, potentiometric, 472
– complexes, potentiometric, stability, 1340, 5417
– germanate, potentiometric, 487
– hexanitrate, polarographic, 2201
Mannosidases, electrophoretic, 780
– human tissues, electrophoretic, 780
Mannuronic acid, amination, conductometric, potentiometric, 559
Many electrons reactions irreversible, kinetics, theory, 956
Marine organism, bismuth (in), 2034
Mass transport (in) laminar flow, temperature effect, 2786
– – (at) interface, isothermal, 8
– – technique, 24, 2797, 4835
– – theory, 8, 24, 959, 1871, 2857, 3852, 4835
– – (in) turbolent flow, theory, 28
– – – – – voltammetric, 5029
– – voltammetric, 1989
Mast cell membrane rat, electric tension, 5463
Meat, alkaline substances (in), 5224
– amines (in), 5224
– ammonium (in), 5224
Megacius, *Bacillus megaterium*, electrophoretic, 2621
Melanine (in) waste water, polarographic, 5156
– methoxymethyl–, ionization, potentiometric, 3358
Membrane(s) anion exchange, diffusion (through), 591
– – – electric tension, 591
– *Asteria* embryo, electric tension, 3378
– bilayer, carrier–mediated conductance, theory, 2852
– – alamethicin–treated, conductometric, 666
– – monoazomycin–treated, conductometric, 666
– bioenergetic, electric tension, 5924
– biological, adsorption (on) mercury dropping, 1232
– – mass transport, theory, 51, 2820, 2848
– – polarographic, 1232
– – sodium (in), 1282
– boundary activity, theory, 2845
– cation exchange, conductometric, 4360

Membrane(s), cation exchange, diffusion (through), 1605
– – – electric tension, 4360
– – – electrolytic transport (through), 1605
– – – ion permeability, 4360
– *Chara Corallina*, conductometric, 2853
– concentration profile, theory, 2817
– conductometric, theory, 2854
– double-fixed-charge, ion diffusion (through), 2853
– – – – theory, 2847, 2853
– electric tension drop, theory, 2846
– electron tunnelling, 2821
– *Electrophorus electricus*, electric tension, 2380, 3380
– equilibria (in) polymeric solutions, 12
– frog muscle fiber, electric tension, carboranes effect (on), 3381
– – skeletal muscle, conductometric, permeability, 4465
– hyperfiltration (through), 5926
– ion exchange, conductometric, 4877, 5573
– – – – theory, 3845
– – – diffusion (through), 3807
– – – electrodes, behavior, 5212
– – – liquid, zero-current steady-state electric tension, theory, 2838
– – – mass transport (through), 5573
– – – – – – theory, 2816, 2819
– – – potentiometric, 5213
– – – redox behavior, 5443
– – – regeneration, 4553
– *Limulus poliphemus* midgut, electric tension, 3379
– phenomena, review, 2772
– Ranvier node, conductometric, 1510
– rat portal vein, electric tension, 5458
– rectifiers, impedance, 845
– – voltammetric, 845
– – theory, 845, 4900
– sea urchin eggs, electric tension, 1482
– *Streptococcus lactis*, galactoside accumulation (in), 5470
– squid axon, transient behavior, 3808
– tomato, potentiometric, 1481
Menadione, *see also* Naphthoquinone methyl–
– sodium hydrogen sulfite, (in) pharmaceuticals, polarographic, 4094
Mendelevium, redox behavior, theory, 3230
Meprobamate, coulometric, 3553
– potentiometric, 5433
Mercury, adsorption (on), 165, 174, 265, 289, 311, 376, 795, 797, 806, 807, 808, 812, 814, 1099, 1231, 1236, 1336, 1337, 1733, 1741, 1745, 1746, 1747, 1748, 1751, 1755, 1756, 1760, 1763, 1765, 1768, 2089, 2091, 2092, 2692, 2694, 2695, 2696, 2704, 2716, 2717, 2718, 2719, 2915, 3717, 3719, 3721, 3727, 3730, 3731, 3735, 3857, 4009, 4712, 4724, 4729, 4733, 4734, 4736, 4737, 4738, 4739, 4744, 5832, 5835, 5839, 5841
– – – carbon vitreous, 1047
– – – computerization, 952
– – – mercury, 5839
Mercury, adsorption (on) platinum, 4955
– – – review, 2685
– – – theory, 1921
– amperometric, 5190
– (II), amperometric, 2209, 2210, 3154, 5194
– anodic behavior, 136, 1785, 2119
– (I), anodic behavior, 4985
– – cathodic behavior, 1892, 2452, 2946, 4985
– (II), cathodic behavior, 2786, 4987; (*l*) 4986
– chronopotentiometric, 826, 1785
– (I), chronopotentiometric, 4985
– (II), chronopotentiometric, 4986
– (I), conductometric, 2416
– (II), conductometric, 2416, 5509
– coulometer, capillary, short unipolar current impulses effect (on), 726
– – – noises, 2789
– – error, 1606
– (I), coulometric, 2012
– dropping, adsorption (on), 262, 274, 281, 284, 290, 1099, 1144, 1184, 1232, 1761, 1764, 1769, 2119, 2141, 2147, 2694, 3033, 3038, 3042, 3079, 3149, 3732, 4025, 4026, 4027, 4053, 4062, 4086, 4102, 4744, 5094, 5103, 5110, 5148, 5165, 5821, 5822, 5833, 5835, 5837, 5840
– – electrocapillarity, 5833
– – zero charge point, 5833
– electrocapillarity, 289, 795, 814, 1746, 2695, 4758, 5849, 5870, 5871
– electrochemical data converters (with) capillary cell, diffusion, 4827
– electrode, admittance, 1755
– – capacitance, 289, 814, 1741, 1748, 1768, 1926, 4712, 4733, 5839, 5849, 5850
– – – differential, 795, 1236, 1745, 1751, 1760, 1765, 2692, 2724, 3717, 3730, 3857, 4724, 5851
– – coulostatic, 4758
– – dropping, admittance, 1151
– – – capacitance, 1174
– – – – differential, 1009, 2198, 2694, 4744, 5822, 5833
– – – (with) conical capillary, 5871
– – – double layer, 4744
– – – overtension (on), 4946
– – – photocurrents, 1827
– – – (for) potentiometry, 3854
– – – spinning, 285
– – double layer, 3742, 3743, 4741, 5849
– – – – review, 5847
– – electric tension, 1953
– – hanging drop, capacitance differential, 70
– – – – (for) voltammetry, 4984
– – – – – stripping, 2945
– – – – Teflon covered (for) stripping voltammetry, 2878
– (I) electrode, non aqueous, 4173
– electrode, overtension (on), 1981
– – photoelectrochemistry, 1763, 2763

Mercury electrode, redox, polarization, electrothermographic, 1823
– (II) electrode, selective, 468, 2271
– (I) electrode, S.E.T. (*l*), 4986
– electrode, theory, 2826
– – vibrating, (for) potentiometry, 1484
– – voltammetric, 2914
– – – theory, 4849
– electrodeposition, 1047
– (II), electrolytic, 1564
– electron work function, 3867
– electronucleation, 2946
– (I), electrophoretic, 2513, 5688
– (II), electrophoretic, 5688
– electrophoretic, theory, 61
– (in) fish, coulometric, 4561
– hydrophilicity, 3857
– integrators, capillary, electrolytic, 726
– polarographic, 2119
– (II), polarographic, 3063, 5106
– (I), potentiometric, 1338, 2012, 2922
– (II), potentiometric, 468, 2271, 3243
– (I), potentiostatic, 3485
– redox behavior, theory, 3230
– (in) serum, coulometric, 4561
– (II), spectroelectrochemistry, 4987
– stripping, 93, 136, 166, 167, 1047, 4964
– trace analysis, 93, 167, 2209
– (in) urine, coulometric, 4561
– voltammetric, 4964
– (I), voltammetric, 2012, 2946, 4985
– (II), voltammetric, 907, 2932, 4987; (*l*) 4986
– zero charge point, 1336, 1337, 3857, 3867
– (I) acetate electrode, S.E.T., thermodynamics, 4215
– acetate propyl–, adsorption (on) mercury, 2695
– acetonitrile interface, double layer, capacitance, 1741
– aluminum, anodic behavior, voltammetric, 3937
– benzoate chloro–, electrophoretic, 747
– (II) bromide, potentiometric, thermodynamics, 5281
– (I) chloride, *see also* Calomel
– – – electrocrystallization, 3485
– (II) chloride, potentiometric, thermodynamics, 5281
– – – derivatives, complexes, conductometric, 5519
– – complexes, adsorption (on) mercury dropping, 2119
– – – amperometric, 2210, 5192
– – – conductometric, 627, 632, 4412, 4413, 5192, 5520
– – – coulometric, 3063
– complexes, electrolytic, 5107
– (II) complexes, electrophoretic, 1616
– complexes, polarographic, 5107
– (II) complexes, polarographic, 1147, 2118, 2119, 3062, 3063
– – – potentiometric, 3209, 3245, 3246, 3247, 4195, 4216, 4217, 4218, 4210
Mercury (II) complexes, stability, 3209, 3246, 3247, 4195, 4210, 4216, 4218
– – – thermodynamics, 1137
– complexes, voltammetric, 5107
– compounds, cathodic behavior, voltammetric, 4966
– (II) cysteinate, polarographic, 5106
– ethylene carbonate interface, capacitance differential, 3719, 3721
– (II) fluoride electrode, 5306
– (I) formate electrode, S.E.T., formation, potentiometric, thermodynamics, 4214
– fulminate, polarographic, 2201
– graphite electrode tubular, (for) voltammetry, 3939
– hydride, voltammetric, 4966
– indium, activity, potentiometric (*l*), 5305
– (II) iodide, potentiometric, thermodynamics, 5281
– – – cadmium iodide, conductometric, 5514
– – – organoderivatives, adsorption (on) mercury, 2695
– – – silver iodide silver selenide, conductometric (*s*), 3416
– – – – – – sulfide, conductometric (*s*), 3416
– – – zinc (II) iodide, conductometric, 5514
– magnesium, anodic behavior, voltammetric, 3937
– mercury (II) oxide, redox electric tension, 5250
– (I) methanesulfonate electrode, 2012
– organoderivatives, adsorption (on) mercury, 808, 1747, 2704, 2964
– – – – – dropping, 290
– – cathodic behavior, 290, 1747
– (II) organoderivatives, cathodic behavior, 808, 1146, 3059, 3060, 3061, 4988
– – – coulometric, 1146
– – – electrolytic, 4495
– organoderivatives, polarographic, 290
– (II) organoderivatives, polarographic, 3059, 3060, 3061, 4988
– – – voltammetric, 808, 4495, 4988
– (II) oxide mercury, redox electric tension, 5250
– – perchlorate, conductometric, hydration, 624
– – – solvation, 1339
– – selenide electrode, 2271
– – sulfide, chronopotentiometric, 402
– – – electrode, 2271
– – – galvanostatic, 402
– sulfur water, electric tension *vs.* pH diagram, 402
– telluride, electrosynthesis, 2456
– tin, potentiometric, thermodynamics (*l*), 1335
– water interface, thermodynamics, 4741
Mesityl oxide, *see also* Pentenone methyl–
– – hydrodimerization, 3002
– – polarographic, 2157
– – voltammetric, 3002
Mesitylene, *see also* Benzene trimethyl–

Mesitylene complexes, anodic behavior, voltammetric, 3969
Mesoxalic acid, *see* Malonic acid oxo–
Metal(s), adsorption (on), 2499
– anodic behavior, theory, 9, 56, 959, 1889, 1914
– case hardening (by) amalgam, theory, 974
– corrosion, 2911
– dissolution kinetics, chronopotentiometric, 823
– electrode(s), anodic behavior, theory, 962
– – charge transfer, review, 2771
– – corrosion current, theory, 3821
– – film, interface conductance, electroreflectance, 3414
– – incorporation (in), theory, 4895
– – (with) interchangeable tip, 1947
– – interfaces, review, 2771
– – processes, theory (*l*), 1944
– – thermodynamics, review, 2832
– electrodeposition, cathodic layer alkalinization, theory, 939
– – cathode rotation, effect (on), 2445
– – inhibition, review, 2444
– electrorefining, review, 1832
– hydrogen isotopes diffusion (in), 891
– – penetration (through), 2911
– impedance, 1936
– ion electrodes, theory, 76
– light, sea water corrosion, (by) capacitance, 3870
– low–melting electrodes, 2871
– oxygen (in) (*l*), 2507
– passivation, 1017
– – theory, 958, 1890
– potentiometric, review, 4131
– reaction (with) metal fluorides, potentiometric, thermodynamics (*s*), 2228
– – – oxides, theory, review, 4834
– refractory, electrodeposition, review, 908
– thermodynamics, review, 4131
– transition ions, redox behavior, solvation, theory, 1872
– – – complexes, conductometric, 4455
– – – – potentiometric, stability, 3333, 3344
– work function, theory, 3858
– zero–charge point, theory, 3858
– amalgam, electrode (for) stripping, 2945
– chalcogenide electrodes, reactive, review, 2226
– fluorides, reaction (with) metals, potentiometric, thermodynamics (*s*), 2228
– iron group, cathodic behavior, polarographic, 3916
– platinum group electrode, double layer, theory, 2863
– – – oxides, formation, removal, 4785
– solid electrolyte interphase, theory, 4888
Metallo–porphirins, redox behavior, voltammetric, 2937, 5074
Methacoline electrode, selective, potentiometric, 2372
Methacrolein, polarographic, 324, 3107
Methacrylate, polarographic, 1198, 3109
Methacrylate, polimerization, 1198
– ethyl–, polarographic, polymerization, 1198
– copolymers, sorption (on), zeta electric tension, 5919
– methyl–, polarographic, polymerization, 1198
– – (in) waste water, polarographic, 4088
Methacrylonitrile, polarographic, 1128
Methane, fluorosulfonation, 3999
– amino–, *see also* Methylamine
– bromo–, *see also* Methyl bromide
– chlorotrinitro–, cathodic behavior, electrolytic, 1593
– dibenzoyl–, *see* Propanedione diphenyl–
– dichloro– radicals, polarographic, 5147
– – solvent (for) chronoamperometry, 2995
– – – – chronocoulometry, 2995
– – – – conductometry, 219
– – – – coulometry, 219, 245, 2995, 2998
– – – – electrochemiluminescence measurements, 5876
– – – – electrolysis, 219, 2488, 4547, 5643
– – – – polarography, 1179
– – – – voltammetry, 219, 245, 2995, 2998, 3010, 5060
– diphenyl–, solvent (for) conductometry, 615
– diphenyldiamino–, potentiometric, 569
– diphenyldichlorodiamino–, potentiometric, 569
– fluorodinitro–, electrosynthesis, 1591
– fluorotrinitro–, denitration, electrolytic, 1591
– iodo, *see* Methyl iodide
– nitro, adsorption (on) osmium, 231
– – – – platinum, 809, 2705
– – cathodic behavior, 231, 1590
– – hydration, 1590
– – hydrogenation, 4716
– – solvent (for) conductometry, 613, 4404, 4425, 5492, 5525
– – – – coulometry, 245, 3976
– – – – polarography, 3944
– – – – potentiometry, 570, 583, 3331, 3351
– – – – voltammetry, 214, 245, 3941, 3944, 3976
– – voltammetric, 231
– phosphonic acid diethylamino–, complexes, polarographic, 302
– substituted complexes, potentiometric, stability, 5414
– sulfo derivatives, corrosion inhibition, 5957
– tetrabromo–, solvent (for) conductometry, 4439
– tetrachloro– radicals, polarographic, 5147
– – solvent (for) conductometry, 614, 1512, 3349, 4439
– – – – electrocapillarity measurements, 3860
– – – – potentiometry, 3330, 3349, 5427
– tetranitro–, polarographic, 2201
– thiol, potentiometric, 4276
– – (in) waste water, potentiometric, 4278
– trichloro– radicals, polarographic, 5147

Methane trichloro–, solvent (for) conductometry, 1514, 3349
– – – – polarography, 4037
– – – – potentiometry, 1419, 3349
– – – – voltammetry, 4978
– triphenyl– carboanions, coulometric, 232
– – – solvation, 233
– – – voltammetric, 232, 233
– – carbocations, coulometric, 232
– – – solvation, 233
– – – voltammetric, 232, 233
– – radicals, coulometric, voltammetric, 232
Methanol, acidity (in), 2350
– adsorption (on) gold platinized, 3716
– – – graphite platinized, 3716
– – – mercury, 3727
– – – platinum, 794, 810, 2707
– – – – platinized, 3728, 4721, 4728
– amperometric, 4124
– anodic behavior, 236, 237, 1588, 2004, 2784, 3716, 3728, 3993, 3994, 4824, 5056, 5905
– conductometric, 1000
– ionization, 1263
– mobility (in), 744
– potentiometric, 1263, 4124
– radicals, reaction (with) dyes, 4349
– solvent (for) admittance measurements, 1151
– – – amperometry, 1242
– – – capacitance measurements, 798, 2711
– – – chronocoulometry, 5110
– – – conductometry, 443, 613, 614, 620, 635, 1495, 1496, 1498, 1503, 1505, 1506, 1509, 1513, 1522, 1988, 2393, 2415, 3402, 3408, 3431, 3439, 3449, 4376, 4391, 4396, 4404, 4452, 5486, 5493, 5520, 5567
– – – coulometry, 154
– – – electrolysis, 337, 708, 717, 1108, 1600, 2069, 2484, 2490, 2492, 2496, 3451, 4517, 5591
– – – polarography, 154, 337, 360, 1151, 1169, 1181, 2105, 2112, 2174, 2201, 3036, 3040, 3109, 3127, 3144, 3944, 4037, 4053, 4082, 4090, 4093, 4213, 5110, 5134, 5150
– – – potentiometry, 426, 443, 504, 545, 574, 578, 583, 1263, 1312, 1314, 1339, 1398, 1435, 1456, 1457, 1468, 2232, 2276, 2318, 2325, 2350, 2352, 2356, 3189, 3244, 3255, 4155, 4173, 4213, 4256, 4281, 4301, 4314, 4332, 4337, 4344, 5426, 5440, 5444
– – – voltammetry, 154, 808, 1057, 1108, 1109, 1988, 2069, 2083, 2089, 2490, 3923, 3944, 4978, 5053, 5591
– transport numbers (in), 4375
– voltammetric, 236, 237, 2004, 5056
– (methyl phenyl–), electrosynthesis, 2491
– (dimethylvinyl–), adsorption (on) platinum rhodium, 4730
– water, potentiometric, transport numbers, Washburn numbers, 1266
Methemoglobin, human, polarographic, 4112
Methimazole, potentiometric, 1474, 3354
Methionine, desalting, electrophoretic, 753 bis
– potentiometric, 1448
Methionine complexes, potentiometric, 3247, 3303, 3326, 5419
– – stability, 3247, 3326
– derivatives, electrolytic, 2483
Methone, adsorption (on) cadmium amalgam dropping, 5838
Methyl acrylate nitroindolyl–, cathodic behavior, 719, 1195
– – – electrolytic, 719
– – – polarographic, 719, 1195
– amine, *see also* Methane amino
– – solvent (for) electrolysis, 5664
– – complexes, conductometric, 1529
– – – potentiometric, stability, 5421
– bromide, *see also* Methane bromo–
– – cathodic behavior, polarographic, 4080
– cinnamate nitro–, cathodic behavior, polarographic, 2165
– *iso*–butyl ketone, solvent (for) polarography, 314, 3037
– ethyl ketone, *see* Butanone
– glycinate glycyl– complexes, potentiometric, 5265
– glycolate, *see* Acetate methoxy–
– glyoxalbismethylimine complexes, stability, voltammetric, 5033
– *iso*–hexyl amine, anodic behavior, voltammetric, 5053
– iodide, *see also* Methane iodio–
– – cathodic behavior, electrolytic, 5607
– maleate, potentiometric, 4311
– – copolymers, potentiometric, 4311
– nitrophos, (in) plants, polarographic, 3145
– – – soil, polarographic, 3145
– nonyl ketone, *see* Hendecanone
– orange, binding (with) ovalbumin, (with) transfusion gelatine, polarographic, 380
– phenyl ketone, *see* Acetophenone
– – sulfide, electrolytic, 2480
– sulfide, (in) gases, coulometric, trace analysis, 2898
– vinyl ketone substituted, complexes macrocyclic, conductometric, 5557
– viologen, electrosyntesis, 5665
Methylene blue, adsorption (on) mercury dropping, 2147
– – electrophoretic, 4594
– – reaction (with) free radicals, redox electric tension, 4349
– – polarographic, 2147
– chloride, *see* Methane dichloro–
– fluorene derivatives, adiabatic ionization potential, anodic behavior, polarographic, 361
– indene derivatives, adiabatic ionization potential, anodic behavior, polarographic, 361
– tetrahydrofolate complexes, electrophoretic, 5799
Methylidyne fluoro–, potentiometric, thermodynamics (*s*), 1360
Metol, anodic behavior, voltammetric, 3982
Michael reaction catalytic, 3518
Milk, benzonitrile hydroxyiodo– (in), 1210

Milk, cadmium (in), 4981, 5088
– cobalt (in), 5088
– conductometric, review, 2388
– copper (in), 5088
– hydroxantine (in), 1228
– lactose (in), 3347
– lead (in), 3957
– nickel (in), 5088
– ionogenic groups (in), electrophoretic, 1629
– nitroxynil (in), 1210
– oxygen (in), 2139, 5200
– xantine (in), xanthine oxidase (in), 1228
– zinc (in), 5088
Minerals, tungsten (in), 2124
– zeta electric tension, 3869
Mistidinol phosphate phosphatase, *Salmonella typhimurium*, electrophoretic, 3686
Mitochondria brain, phosphorylation, polarographic, review, 1234
– hydrogen peroxide formation (in), 2378
– membrane rat liver, electric tension, mass transport (through), 5464
– oxygen (in), 1068
– respiration, 2963
Mitogen serum, diploid human fibroplast, electrophoresis, 3712
MK–40 membranes, cation–exchange, diffusion (through), 3807
– – – – – – electric tension stability, 2846
Moisture, *see also* Water
– (in) gases, amperometric, 1243, 3151
– – – electrolytic, 3151
– – hydrocarbons, potentiometric, 3327
– – hydrochloric acid, amperometric, 1242
– – hydrofluoric acid, conductometric, 4928
Molybdate, *see also* Molibdenum (VI)
– cathodic behavior (*l*), 3773
– electrophoretic, 3562
– voltammetric (*l*), 3773
Molybdenum (VI), *see also* Molybdate
– – adsorption (on), 64
– (III), amperometric, 3158
– (VI), amperometric, 1613, 2204, 2214, 3158, 4117, 5191
– anodic behavior, 693, 3970, 3971, 5588; (*l*) 3773
– boridizing, 3763
– (VI), cathodic behavior, 3091, 3972
– corrosion, 4287
– coulometric, 727, 3539
– (VI), coulometric, 1613
– electrochemical behavior, 2801
– electrode, electric tension (*l*), 4287
– – impedance, 4772
– – voltammetric (*l*), 2968
– electrodeposition, 682, 691; (*l*) 1583
– electrolytic, 5588
– (III), electrolytic (*l*), 1583
– (VI), electrolytic, 3498
– – electromigration (*l*), 5687
– polarographic, 307
– (V), polarographic, 2143
– (VI), polarographic, 2142, 3091, 3972, 4065
– potentiometric, 1399
Molybdenum (V–VI), potentiometric, 2214
– (VI), potentiometric, 1400, 1613, 5370
– – reaction (with) vanadium (II), potentiometric, 4268
– (in) steel, amperometric, 4117
– stripping, 207
– trace analysis, 133, 1400, 2142, 5191
– (in) tungsten, polarographic, 133
– – – electrolytic, 3497
– voltammetric, 3970, 3971
– (VI), voltammetric, 3972
– boride, electrolytic, galvanostatic (*l*), 3763
– carbonyl complexes, anodic behavior, voltammetric, 2051
– chromium, electrodeposition, 4514
– (VI), complexes, amperometric, 5192
– complexes, anodic behavior, 1075
– (V), complexes, conductometric, 4435
– (VI), complexes, conductometric, 1168, 3422, 3443, 5192
– complexes, polarographic, 133, 3973
– (V), complexes, polarographic, 4065
– (VI), complexes, polarographic, 1168, 5130
– complexes, potentiometric, 1401
– (VI), complexes, potentiometric, 5372
– – – stability, 1168, 5130
– complexes, voltammetric, 1075, 3973, 3974
– disilicide electrode, overtension (on), 128
– fluorides, potentiometric, thermodynamics (*s*), 1377
– heteropolyacids, cathodic behavior, conductometric, 4054
– (VI), heteropolyacids, electrolytic, 1155
– heteropolyacids, ionization, 1373
– – polarographic, 296, 4054
– (VI), heteropolyacids, polarographic, 1155
– heteropolyacids, potentiometric, 505, 1373, 3963
– (VI), heteropolyacids, potentiometric, 1155
– – redox electric tension, 1373
– heteropolyacids, voltammetric, 3963
– – derivatives, polarographic, 1162
– iron nickel, electrodeposition, 4516
– – – electrowinning, 694
– molybdenum (VI) oxide electrode, potentiometric, 2309
– nickel, activity, potentiometric, thermodynamics (*s*), 2249
– niobium, potentiometric, thermodynamics (*s*), 1378
– (VI) oxide, cathodic behavior, coulometric, 2969
– oxides, potentiometric, thermodynamics (*s*), 1377
– (VI) oxide, voltammetric, 2969
– – – lithium fuel cell, 5934
– – – molybdenum electrode, potentiometric, 2309
– – – sodium oxide, solvent (for) electrophoresis (*l*), 5687
– – – vanadium (V) oxide, conductometric, potentiometric (*s*), 4270
– – oxytetrachloride complexes, conductometric, 5371

Molybdenum silicide, electrode, anodic behavior, 5898
– silicide, electrolytic (*l*), 3489
– tin (II) chloride interface, impedance (*l*), 4772
– titanium, anodic behavior, 4817
– zirconium (IV) oxide, conductometric (*s*), 4417
Molybdic acid, cathodic behavior, polarographic, 3091
– – potentiometric, 5369
Molybdosilicate, *see* Molybdenum heteropolyacids, *see* Silicon heteropolyacids
Monoamine oxidase mitochondrial, rat liver, electrophoretic, 5790
Monosaccharides, electrophoretic, 2523
– methyl esters, electrophoretic, 2523
Montmorillonite membrane, ionic mobility, 4795
– – paste, potentiometric, transport numbers, 1440
– zeta electric tension, 3901
Morphine, ionization, potentiometric, 3361
Morpholine, electrolytic, fluorination, 1595
– derivatives complexes, polarographic, 5138
– dithiocarbamate, polarographic, 1225
– polymers, conductometric, 5570
Moving boundary, theory, 3842
Mucochloric acid, (in) water, polarographic, trace analysis, 5164
Mucoproteins serum, electrophoretic, 1664
Mullite, conductometric, potentiometric, transport numbers (*s*), 1361
Multiparametric curve fitting, (in) potentiometry, 4319
Muscle(s) membranes, drug action (on), 5465
– – frog stomach, electric tension, 5462
– papillary, Guinea pig, potentiometric, 5468
– smooth, liquid junction electric tension, 5469
Mutases, electrophoretic, 3674, 4692
Myocardium, oxygen, pH, redox electric tension, sodium activity *in vivo*, 2231
Myogens, fish muscle, electrophoretic, 3644
Myoglobin, extraerythrocytic serum, electrophoretic, 2617
– electrophoretic, 2623
– sperm whale, electrophoretic, 4670
Myosin, electrophoretic, 2624
– chicken breast muscle, electrophoretic, 1685
– muscles, electrophoretic, 3627
– rabbit, electrophoretic, 2625
Myristylol membrane, conductometric, 5578

Naphtacene, *see also* Benzanthracene, *see also* Tetracene
Naphthaldehyde, potentiometric, 4336
– oxy–, potentiometric, 1451
Naphthalene, adsorption (on) gold, 5830
– – – nickel, 5830
– – – platinum, 805, 1770, 3734, 5830
– – – silver, 5830
Naphthalene, anodic behavior, 714, 1110, 2075
– electrochemiluminescence, 1887
– electrolytic, 714
– polarographic, 5154
– voltammetric, 1110, 2075, 2828
– amino–, *see* Naphthylamine
– carboxylic acids, *see* Naphthoic acid
– derivatives, polarographic, 5154
– – deuterated, electrosynthesis, 3522
– dihydroxy–, *see also* Naphthohydroquinone
– – electrophoretic, 1401
– – complexes, conductometric, 3422
– disulfonic acid dihydroxy–, *see also* Chromotropic acid
– germyl derivatives, polarographic, 3119
– hydroxy–, *see* Naphthol
– methyl–, electrochemiluminescence (*l*), 3012
– nitro–, cathodic behavior, polarographic, 4053
– nitrovinyl, cathodic behavior, coulometric, polarographic, 1209
– octafluoro–, anodic behavior, voltammetric, 4992
– phenyl derivatives, polarographic, voltammetric, 2076
– polychlorinated derivatives, voltammetric, 4015
– silyl derivatives, polarographic, 3119
– sulfonate electrode selective, potentiometric, 568
– sulfonic acid, complexes, polarographic, 1184
– – – dihydroxy–, electrolytic, 1401
– stannyl derivatives, polarographic, 3119
– tetrahydro–, *see* Tetralin
– tetramethyl–, electrochemical behavior, 2761
Naphthalic anhydride, aryloxazolyl derivatives, cathodic behavior, polarographic, 4096
Naphthenic acids, conductometric, 4453
Naphthohydroquinone, *see also* Naphthalene dihydroxy–
Naphthoic acid hydroxy– complexes, potentiometric, 1350
Naphthol, adsorption (on) mercury, 1760
– – – – dropping, 1144
– electrophoretic, 5707
– potentiometric (*l*), 1284
– reduction inhibitor (in) polarography, 1144
– derivatives complexes, cathodic behavior, polarographic, 4032, 5092
– disulfonic acid amino–, complexes, potentiometric, 1401
– – – nitroso–, complexes, potentiometric, stability, 2287, 3241, 3254
– nitroso, polarographic, 345
– sulfonic acid derivatives, adsorption (on) mercury dropping, polarographic, 1184
Naphthoquinone, cathodic behavior, 4092, 5073
– polarographic, 4092

Naphthoquinone, voltammetric, 5073
– derivatives, S.E.T., 3352
– hydroxy–, redox electric tension, 3353
– methyl–, *see* also Menadione
– – (in) pharmaceuticals, polarographic, 4094
Naphthostyryl derivatives, electrolytic, polarographic, 337
Naphthyl amine, polarographic maxima suppressor, 2105
– – potentiometric, 3331
– – acetyl–, polarographic maxima suppressor, 2105
– – complexes, conductometric, 3443
– – disulfonate nitroso–, polarographic, 5157
– – phenyl–, polarographic maxima suppressor, 2105
– azoxime, polarographic, 1224
Narceine, potentiometric, 3336
Nekal, electrophoretic, 5685
Nemagom, (in) water, polarographic, 3104
Nematodes, oxygen respiration, 4916
Neodymium (III), amperometric, 388
– – hydrolysis, potentiometric, 480
– (III) complexes, conductometric, 3427, 3428, 5524
– – – electrophoretic, 5697
– – – formation, 5322, 5326
– – – potentiometric, 479, 1348, 2287, 4235, 4238, 5322, 5323, 5325, 5326, 5328
– – – stability, 479, 1348, 2287, 2289, 4238, 5325, 5328
– – – thermodynamics, 5322, 5326
– fluoride lithium fluoride, conductometric (*l*), 5482
– germanate, conductometric (*s*), 641
– iodide, conductometric (*l*), 640
– lead, potentiometric, thermodynamics (*l*), 4242
– oxide irradiated, conductometric (*s*), 5522
– cerium (IV) oxide, conductometric (*s*), 625
– oxide zirconium oxide, conductometric (*s*), 4424
– tin, potentiometric, thermodynamics (*l*), 4243
– tungstate, potentiometric, thermodynamics (*s*), 1354
– zinc, corrosion, 4816
Neomycine, electrophoretic, 2531, 3575
Neoprene latex double layer, electrokinetics, 1446
Neosepta CL–25T membrane, electrodyalitic, mass transport (through), 2734
Neprasol, polarographic, 1227
Neptunium (VI), *see also* Neptunyl (II)
– amperometric, 1960
– coulometric, 727, 1960, 3539
– isotopes, separation, electrophoretic, 3559
– potentiometric, 1960
– redox behavior, theory, 3230
– (VI) complexes, potentiometric, stability, 1406
Neptunium (IV) oxide, solubility, potentiometric (*l*), 550
– oxygen, equilibrium diagram (*l*), 550
Neptunyl (II), *see also* Neptunium (VI)
– – complexes, potentiometric, stability, 1406
Nerve fibers, conductometric, theory, 4878
– membrane, voltammetric, theory, 4857
– voltammetric, model, 1081
Neuraminidases(s), electrophoretic, 3675
– influenza A_2/1957, electrophoretic, 3675
Neurons *Aplysia*, conductometric, 5579
– snail acetylcholine–induced, reversed electric tension, 5917
– spinal, cat, conductometric, electric tension, glutamic acid effect (on), 3713
Nickel, adsorption (on), 64, 1983, 2686, 2690, 2693, 2702, 2960, 3987, 4718, 5830
– – – platinum platinized, 1742
– amalgamation, 3099
– (II) amperometric, 4122
– anodic behavior, 830, 852, 853, 1088, 1091, 1092, 1843, 2471, 2702, 2753, 2927, 3800, 3923, 3987, 4992, 5039, 5588, 5691, 5965; (*l*) 1794
– – – theory, 58, 697
– (II), cathodic behavior, 231, 318, 319, 1093, 1824, 2063, 2064, 2099, 2105, 2151, 2753, 3916, 3919, 4531, 5007; (*l*) 2933
– (in) chromium, polarographic, 5087
– (II), chronoamperometric, 1093
– – chronocoulometric, 318
– chronopotentiometric, 826, 830; (*l*) 2933
– (II), chronopotentiometric, 318; (*l*) 825
– corrosion, 1851, 5961
– – inhibition, 5960
– coulometric, 1133
– deoxydation (*l*), 2507
– (II), diffusion (*l*), 825, 2933
– electrocrystallization, 1579, 2472, 3505, 5630
– electrode, anodic behavior, 4775, 4806
– – capacitance, 958
– – cathodic layer pH, 4516
– – electrocatalyst, 2686
– – overtension (on), 835, 1983, 2041, 2686, 4950
– – oxidized, (for) voltammetry, 5044
– – passivated, redox reactions (on), 1821
– – passivation, 958
– – porous, capacitance, 5855
– – – reaction rate (on), 968
– – – voltammetric, 2916
– – (for) potentiometry, 1372
– – redox polarization, electrothermographic, 1823
– – rotating annular, mass transport, 5029
– – S.E.T., 2337
– electrodeposition, 129, 319, 1426, 2449, 2450, 2473, 4530, 5597, 5629, 5631
– – substrate effect (on), 1587
– electrolytic, 2471, 4530, 5588
– (II), electrolytic, 129, 319, 1824, 2473, 4531

Nickel (II), electromigration, 743
– electron work function, 3867
– (II), electrophoretic, 743, 744, 3557
– electrorefining, 111
– (in) food, polarographic, 4074
– galvanostatic, 2927 ; (*l*) 1794
– (II), galvanostatic, 5037
– – hydrolysis, 3325
– (by) impedance (*l*), 2933
– (in) milk, polarographic, trace analysis, 5088
– (II), mobility, 743, 744
– oxygen (in) (*l*), 509, 2314, 2507
– passivation, 5965
– polarographic, 277, 1132, 1133, 3099, 4068
– (II), polarographic, 318, 1148, 2099, 2105, 2151, 2831, 3070, 3916, 4023, 4044
– – potentiometric, 1093, 2063, 2922, 3325, 3927 ; (*l*) 5405
– potentiostatic, 3800
– (II), potentiostatic, 1824 ; (*l*) 1794
– Raney, adsorption (on), electrocatalyst, 5554
– – electrode, anodic behavior, voltammetric, 2063
– (in) silver halide, polarographic, 4022
– stripping, 149, 215, 1087, 1088
– trace analysis, 149, 1087, 4022, 5088
– (II), transport numbers, 743
– voltammetric, 95, 982, 1091, 1092, 3293, 3987, 4963, 4992, 5039 ; (*l*) 2933
– (II), voltammetric, 129, 149, 221, 907, 1093, 2063, 2064, 2932, 2984, 3919, 5007, 5037
– (in) waste water, polarographic, 2106
– – water, polarographic, 1033, 4019
– zero charge point, 3867, 4963
– alloys, oxygen (in) (*l*), 4564
– amalgams, anodic behavior, 1806, 3099
– – chronoamperometric, 1093
– – electrode, electric tension, 5037
– – – passivation, 4531
– – galvanostatic, 1792
– – potentiometric, thermodynamics, voltammetric, 1093
– – nickel (II), chronopotentiometric, galvanostatic, 2731
– antimony, electrodeposition, 5007
– beryllium, phase separation, electrochemical, 850
– boride electrode, stationary electric tension, 1433
– boron, electrolytic, 681
– (II) bromide complexes, conductometric, 4443
– cadmium battery, 5938
– – iron, electrodeposition, 5603
– carbon lanthanum electrode, S.E.T., voltammetric, 2018
– (II) carbonyl derivatives, electrosynthesis, 3502
– chloride conductometric, carbohydrates effect (on), 2408
Nickel (II) chloride cesium chloride, potentiometric, thermodynamics (*l*), 5243
– – – complexes, conductometric, 4443
– chromite, potentiometric, thermodynamics (*s*), 4307
– chromium, activity (*s*), 5368
– – electrodeposition, 2466, 2467
– – potentiometric (*s*), 4283, 5368
– – thermodynamics (*s*), 4283
– – iron, electrodeposition, review, 3496
– – – phases, electrochemical behavior, 850
– – – potentiometric, thermodynamics, 4283
– cobalt, electrodeposition, 2474
– – gold, electrodeposition, 5597
– – iron electrodeposition, 5626
– – manganese, electrodeposition, 2468
– – phosphorous, electrocrystallization, 1579
– (II) complexes, amperometric, 2108, 2216
– complexes, anodic behavior, 1075
– (II) complexes, anodic behavior, 3989
– – – cathodic behavior, 1074, 3049, 3050, 3988, 3989, 4032, 4033, 4034, 5092, 5109, 5591
– complexes, conductometric (*s*), 5507
– (II) complexes, conductometric, 619, 1540, 2415, 2419, 3438, 3447, 3930, 4444, 5506, 5557 ; (*s*) 623
– complexes, electrolytic, 1075
– (II) complexes, electrolytic, 3502, 5591
– (II) complexes, electrophoretic, 1616, 2250, 2512, 3210
– (0) complexes, electrosynthesis, 698
– (II) complexes, formation, 439, 2116, 2253, 4183, 4308, 5263, 5264, 5412, 5890
– complexes, polarographic, 3045, 3098, 5082
– (0) complexes, polarographic, 698
– (II) complexes, polarographic, 270, 271, 1074, 1094, 1182, 1183, 1184, 2108, 2116, 3047, 3048, 3049, 3050, 3065, 4032, 4033, 5092, 5095, 5109, 5138, 5142
– – – potentiometric, 439, 440, 442, 464, 544, 547, 548, 549, 1298, 1301, 1307, 1309, 1334, 1435, 2108, 2250, 2253, 2254, 2275, 3198, 3199, 3201, 3203, 3208, 3209, 3210, 3231, 3323, 4174, 4177, 4178, 4179, 4181, 4182, 4183, 4184, 4185, 4199, 4209, 4308, 5258, 5260, 5261, 5263, 5264, 5266, 5267, 5268, 5270, 5272, 5273, 5274, 5289, 5298, 5396, 5412, 5413, 5414, 5415, 5416, 5417
– – – stability, 439, 440, 464, 547, 548, 549, 1182, 1301, 1307, 1308, 1309, 1334, 1435, 2108, 2250, 2253, 2254, 3048, 3198, 3199, 3201, 3203, 3208, 3209, 3231, 4178, 4179, 4181, 4182, 4184, 4199, 4209, 5258, 5260, 5261, 5266, 5268, 5272, 5273, 5274, 5289, 5393, 5413, 5414, 5415, 5416, 5417
– – – thermodynamics, 442, 1435, 4174, 4178, 5415
– complexes, voltammetric, 1075, 3990
– (II) complexes, voltammetric, 1074, 3930, 3988, 3989, 5591
– copper, activity (*s*), 2249
– – anodic behavior, 2927
– – electrode, cathodic behavior, 1825

Nickel copper, electrodeposition, 4477, 5587
– – galvanostatic, 2927
– – matte anodic behavior, electrolytic, 2449
– – potentiometric, thermodynamics, 1295; (*s*) 2249
– – manganese, electrodeposition, 5270
– (II) cyanide complexes, conductometric, 4443
– – dialkyldithiocarbamates, anodic behavior, 3929
– – – inhibitors, polarographic, 4031
– – – voltammetric, 3929
– ferrite, electrophoretic, 4585, 5700
– (II) fluoride electrode, reference (for) potentiometry (*l*), 2342
– gallium potentiometric, thermodynamics (*s*), 4226
– hydrogen electrode, processes, 3863, 3864, 3865
– indium, potentiometric, thermodynamics (*l*), 5314
– (II) iodide complexes, conductometric, 4443
– iron, anodic behavior, cathodic behavior, 853
– – electrode, overtension (on), 2920
– – molybdenum, electrodeposition, 4516
– – – electrowinning, 694
– lanthanum electrode, oxygen reduction (on), 1064
– pentanoate oxo–, cathodic behavior, polarographic, 3100
– magnesium electrode, potentiometric (*l*), 454
– mangnanese, anodic behavior, 3977
– molybdenum activity, potentiometric, thermodynamics (*s*), 2249
– (II) nickel amalgam, chronopotentiometric, galvanostatic, 2731
– nickel oxide electrode, discharge theory, 4844
– – (II) oxide, redox electric tension, 5250
– (II) nitrate, conductometric, 5555
– organoderivatives, polarographic, 4028, 4029
– oxide, conductometric (*s*), 2431, 2432
– (II) oxide, conductometric (*s*), 2431, 2432
– oxide electrode, 2973
– (III) electrode, (for) amperometry, 5195
– (II) oxide electrode, capacitance, 2725
– oxide electrode, lithiated, capacitance differential, 3746
– (II) oxide electrode, porous sintered, discharge, 2754, 2755
– – – – redox reactions (on), 1821
– oxide electrode, temperature effect (on), 5890
– – lithiated, adsorption (on), 5825
– (II) oxide aluminum phosphate, conductometric (*l*), 1525
– – – calcium oxide zirconium oxide, conductometric (*s*), 3418
– oxide chromium (III) oxide, potentiometric (*s*), 3298
– (II) oxide copper (II) oxide, potentiometric, thermodynamics (*s*), 3196
Nickel oxides iron sulfides, potentiometric (*s*), 1428
– (II) oxide lithium oxide, adsorption (on), 4719
– – – – – conductometric (*s*), 1491
– – – – – potentiometric, thermodynamics (*s*), 3174
– – – magnesium oxide conductometric (*s*), 2417
– oxide nickel electrode, discharge theory, 4884
– (II) oxide nickel, redox electric tension, 5250
– oxides nickel sulfides, potentiometric (*s*), 1428
– – titanium (IV) oxide, conductometric (*s*), 2424
– oxygen electrode, porous, theory, 29
– palladium, adsorption (on), 4707
– (II) perchlorate, polarographic, voltammetric, 4017
– phosphorous, electrodeposition, 4509, 4510
– phosphide, electrocatalyst, 1856
– phthalocyanine, electrocatalyst, 4823, 5969
– ruthenium, anodic behavior, electrolytic, 4532
– sulfide copper sulfide iron sulfide electrode, anodic behavior, 1807
– – nickel sulfides, potentiometric (*s*), 1428
– thiocyanate complexes, conductometric, 4443
– (II) thiocyanate complexes, conductometric, 5556
– tin, anodic behavior, corrosion, 3796
– titanium, voltammetric, 4908
– – carbide electrode, overtension (on), 2745
– tungstate bronze, electrocatalyst, 5968
– tungsten, electrodeposition, voltammetric, 1076
Nicotinaldehyde, *see also* Pyridinaldehyde
– polarographic, 3127
Nicotinamide, *see also* Pyridine carboxylic acid amide
– cathodic behavior, 5172
– electrode selective, 2372
– polarographic, 3119, 5172
– potentiometric, 2372, 3331, 4334
– adenine dinucleotide phosphate reductase, flavine derivatives, redox electric tension, 1721
– – – – – spinach, electrophoretic, 1721
– benzyldihydro–, anodic behavior, voltammetric, 2086
– bromide, alkyl derivatives, polarographic, 4099
– deamidase, rabbit, electrophoretic, 3659
– derivatives, redox behavior, 855
– diethyl–, complexes, potentiometric, stability, 5272
– methyl–, cathodic behavior, polarographic, 5172
– propyldihydrofluoro–, anodic behavior, voltammetric, 2086
Nicotine, coulometric, 3533
Nicotinic acid, *see also* Pyridine carboxylic acid

iso–Nicotinic acid, *see also* Pyridine carboxylic acid
Nicotinic acid, chronopotentiometric, 3138
iso–Nicotinic acid, chronopotentiometric, ionization, 370
Nicotinic acid, polarographic, 3127, 3138
iso–Nicotinic acid, polarographic, 370
Nicotinic acid, potentiometric, 578
– – complexes, conductometric, 3443
iso–Nicotinic acid, complexes, conductometric, hydrolysis, 1531
– – – – potentiometric, 1396
– – – – solvation, 1531
– – – hydrazide, (in) pharmaceuticals, potentiometric, 4345
Nicotinonitrile, *see also* Pyridine carboxylic acid nitrile
– polarographic, 3139
iso–Nicotinonitrile, polarographic, 3139
– – blue complexes, polarographic, 1237
Niobate, *see also* Niobium (V)
– conductometric, review (*s*), 4414
Niobium (V), *see also* Niobate
– anodic behavior, 2742, 4754, 5009
– chronopotentiometric, 4754
– electrode, electric tension, 507
– – hydrogen evolution (on), 2919
– – impedance, 2742
– – diffusion (in), 891
– (V), polarographic, 305
– voltammetric, 5009
– (V) chloride, complexes, conductometric, 1535
– – complexes, conductometric, 1536
– – – potentiometric, stability, 497
– fluorides, potentiometric, thermodynamics (*s*), 1377
– molybdenum, potentiometric, thermodynamics (*s*), 1378
– selenide tungsten selenide, conductometric (*s*), 5538
Nioxime, *see also* Cyclohexanedione dioxime
– ionization, polarographic, 331
Nipagins, polarographic, 4095
Nitella flexilis cells, electric tension, 5078
– – – photoelectric tension, redox electric tension, 4365
– – – rest electric tension, 5466
– – – voltammetric, 5078
Nitramide, polarographic, 4078
Nitranol, polarographic, 1235
Nitrate, adsorption (on) bismuth, 798
– – – hematite, 2689, 5402
– – – mercury, 795, 797, 3721
– – – platinum, 5823
– amperometric, 289 ; (*l*) 390
– cathodic behavior, 2957, 3962 ; (*l*) 390
– conductometric, 2392
– (in) cotton, potentiometric, 2301
– coulometric, 729
– electrode selective, 502, 2300, 3278, 4262, 4263, 4264, 5291 ; (*l*) 5345, 5346
– electrophoretic, 2906
– (in) fertilizers, polarographic, 4052
Nitrate, mobility, 742 ; (*l*) 3390
– (in) plants, potentiometric, 5347
– potentiometric, 501, 5291, 5343 ; (*l*) 390
– (in) soil, polarographic, 3074
– – – potentiometric, 2247, 5347
– thermopotentiometric, 868
– transport number (*l*), 3390
– voltammetric, 189, 2957, 3962
– (in) waste water, potentiometric, 4150
– – water, potentiometric, 4262
– complexes, conductometric, 4436
– – polarographic, 4061
– reductase A, *Micrococcus halodenitrificans*, electrophoretic, 4695
Nitrazepam acetamide, polarographic, 4104
– amino, polarographic, 4104
Nitric acid, cathodic behavior, 5003
– – potentiometric, 2299, 3187
– – voltammetric, 5003
– – nitrous acid, potentiometric, 5344
Nitriles, corrosion inhibitors, 3981
iso–Nitrile complexes, voltammetric, 2062
Nitrite, anodic behavior, 188, 5002
– cathodic behavior, 4508, 5002
– solvation, 1488
– voltammetric, 188, 189, 5002
– complexes, electrophoretic, 3558
– – polarographic, 4061
– – stability, 3538
– reaction (with) vanadium (II), polarographic, 4056
– reductase, squash leaves, electrophoretic, 784
Nitrogen, (in) blood, amperometric, coulometric, 4562
– – – proteins, potentiometric, 4260
– carbon dioxide (in), 4248
– (in) drugs, amperometric, coulometric, 1250
– electrode, selective, 2291
– electrolytic, 3915
– (in) plant, amperometric, 5188
– potentiometric, 500
– reaction (with) vanadium (II), potentiometric, 4258
– – serum, amperometric, coulometric, 4562
– voltammetric, 3915
– bases, (in) petroleum, potentiometric, 1371
– (I) oxide, adsorption (on) platinum, 2030
– – – – – silver, 2698
– – – cathodic behavior, 2030
– (II) oxide electrode, solid state, 3264
– (IV) oxide electrode, solid state, 3264
– (II) oxide, electrolytic, 687
– (I) oxide, electrons scavenging, 874, 1828, 3034
– oxides, electrosynthesis, 5977
– (I) oxide, photopolarographic, 1828
– – – photocurrent, 1826
– – – polarographic, 1161, 3034
– oxides, potentiometric, 501, 5343
– (IV) oxide, potentiometric, 2291
– (I) oxide voltammetric, 2030

Nitrogen oxide aluminum iron (III) oxide, conductometric, potentiometric, 4224
Nitrogenase(s), electrophoretic, 1712, 5453
– *Clostridium pasteurianum*, redox behavior, 5453
Nitrous acid, adsorption (on) platinum, 5823
– – nitric acid, potentiometric, 5344
Nitrosyl chloride, reaction (with) sulfur (VI) oxide, conductometric, 5534
– complexes, polarographic, 5139
Nitroxynil, (in) dairy products, (in) milk, polarographic, 1210
Nobelium, redox behavior, theory, 3230
Noise(s), (in) electrochemical systems, 4901
Nonactin complexes, polarographic, voltammetric, 1029
Nonanedioic acid, ionization, potentiometric, 3339
Nonanol, solvent (for) conductometry, 1495, 1496, 2410, 5493
– – – voltammetry, 3923
Norcaine, electrophoretic, 4606
Norcamphor, cathodic behavior, electrolytic, 1600
Norepinephrine, voltammetric, 1122
– metabolism products, voltammetric, 1122
– methoxy–, anodic behavior, voltammetric, 250
Norleucine, desalting, electrophoretic, 753bis
Norvaline, complexes, potentiometric, thermodynamics, 3213
Noscapine, potentiometric, 3336
Nuclear fuels, cerium (in), 3258
– – oxygen solubility (in) (*s*), 3837
– – plutonium (in), 5674
– – stoichiometry, 3837
– – uranium (in), 3258, 5674
Nucleation, theory, 55
Nucleic acids, electrophoretic, 3694
Nucleoproteins, mouse mammary tumor virus, electrophoretic, 2591
– rat liver, electrophoretic, 5742
Nucleoside phosphate, electrophoretic, 5801
Nylon, conductometric, 655

Octacyanomolibdate (V), photoreduction, 2144
– – polarographic, 1167, 2144
– – redox behavior, 1167
Octadecanoic acid film membranes, capacitance, 1176, 5565
– – – – conductometric, 5565
– – – – surface charge, 1776
Octadecenoic acid, *see also* Oleic acid
Octadienol, dimethyl–, polarographic, 3107
Octane, anodic behavior, electrolytic, voltammetric, 2068
– chloro, *see also* Octyl chloride
– – electrocatalytic, 4826
– diamine, ionization, potentiometric, 4314
Octanoic acid, adsorption (on) bismuth (*l*), 4732
– – – – mercury, 1760
Octanoic acid, adsorption (on) mercury, dropping, 1144, 5835
– – anodic behavior, electrolytic, 2482
Octanol, adsorption (on) mercury, 1760
– – – – dropping, 1144
– inhibitor (in) polarography, 1144
– solvent (for) conductometry, 642, 1495, 1496, 2410, 5493
– – – voltammetry, 3923
Octylchloride, *see also* Octane chloro
Ohmic drop compensation, instrumentation, 2872, 3877
– – – technique, 3877
Oils brominated, potentiometric, 1422
– oxygen (in), 3082
Oleandomicine, electrophoretic, 3575
Olefins, adsorption (on) platinum, 3725, 3726
– anodic behavior, 5644
– bromination, 3547
– cathodic behavior, 3725
– coulometric, 3547
– coupling (with) aldehydes aliphatic, electrolytic, 703
– – – ketones aliphatic, electrolytic, 704
– electrolytic, 5644
– unsaturated, potentiometric, 2348
– complexes, potentiometric, thermodynamics, 4169
– dimethoxylated, electrosynthesis, 5645
Oleic acid, *see also* Octadecenoic acid
– – anodic behavior, electrolytic, 2482
Oleum, conductometric, 1537
Oligonucleotides, electrophoretic, 4601
Oligopeptides, electrophoretic, 1632
Olivinites, conductometric (*s*), 4446
Oocyte membrane, *Rana pipiens*, electric tension, 4366
OP8t5 surfactant, electrophoretic, 5685
Operational amplifier circuits, 89
Orange GRL, electrophoretic, 3573
Ores, gold (in), 4973
– lead (in), 4050
– mangnanese (in), 4120
– uranium (in), 2970
– xanthates (in), 5436
Organic compounds, anodic behavior, 5044
– – carbon (in), 2500
– – electrosynthesis, review, 180, 893, 1598, 2971, 5637
– – hydrogen (in), 2500
– – H.W.E.T., solvent effect (on), 320
– – sulfurated, corrosion inhibitors, 4812
– solvents, autoprotolysis, potentiometric, 4135
Organometallics, electrochemistry, review, 700
Orotic acid, *see* Uracylcarboxylic acid
Oscillators, chemical, 1352
Oscillography, instrumentation, 3908
Oscillometry (in) acetone, 1445
– analytical applications, 3382
– (in) ethanol, 5563
– – formamide dimethyl–, 664
– instrumentation, 106, 3893, 4924, 4929

Oscillometry, review, 5476, 5971
Oscillopolarograph PO–5122, 2882
Osmate, *see also* Osmium (III)
– potentiometric, 2343
Osmium (VIII), *see also* Osmate
– adsorption (on), 64, 231
– electrocatalyst, 4715
– electrochemical behavior, 849
– electrode, poisoning, 4715
– electrodeposition, 5635
– – review, 1565
– (VIII) electrogeneration, 5636
– (VI) potentiometric, 2343
– (VIII) potentiometric, 2343
– redox behavior, theory, 3230
– complexes, conductometric, 5510
– (VI) complexes, conductometric, ionization, 635
– platinum, electrocatalyst, poisoning, 4715
– rhodium, adsorption (on), 1734
Ovalbumin, binding (with) Congored, binding (with) methyl orange, polarographic, 380
Oxacillin, electrophoretic, 1686
– derivatives, electrophoretic, 758
Oxadiazetine derivatives, polarographic, 3142
Oxadiazole derivatives, cathodic behavior, 368
– – polarographic, 368, 3142
– diphenyl–, electrochemiluminescence, 5876; (*l*) 3012
Oxalate electrophoretic, 2906
– photolysis, 1827
– complexes, conductometric, 5537
– – electrophoretic, 3558, 4589
– – potentiometric, 5259
– – stability, 3558, 5259
Oxalic acid, adsorption (on) platinum, 2709
– – – – – platinized, 811
– – amperometric, 1257, 2508
– – anodic behavior, 811, 2709
– – coulometric, 2508
– – electrolytic, 4543
– – electrosynthesis, 1576
– – ionization, 1456, 1457, 1458, 3338, 3339
– – oscillometric, 5563
– – potentiometric, 1456, 1457, 1458, 2508, 3337, 3338, 3339
– – (in) wood, oscillometric, 5564
– – complexes, electrophoretic, 1620
– – – formation, hydrolysis, 5357
– – – potentiometric, 1349, 2286
– – – stability, 1349, 1620
– – dihydrazide, polarographic, 3054
Oxamide, cathodic behavior, 3005
– polarographic, 283, 3005
– potentiostatic, voltammetric, 3005
Oxathiatetrahydronaphthalene oxide, electrosynthesis, 5638
Oxazepam, polarographic, 378
Oxazepine derivatives, ionization, potentiometric, 1475
Oxazole derivatives, cathodic behavior, polarographic, 368
– diphenyl–, electrochemiluminescence, 5876; (*l*) 3012
Oxazolidone methyl–, solvent (for) conductometry, 4455
– – complexes, conductometric, 4455
Oxidases, electrophoretic, 588, 781, 2657, 2658, 2682, 3676, 3677, 5790, 5811
– Georgian tea, electrophoretic, 781
– substrates, polarographic, 5187
– anodic growth, 3494
Oxide(s) formation, theory, 962
– ions, anodic behavior (*l*), 2002, 4757
– – chronopotentiometric (*l*), 4757
– – conductors, impedance, resistence, 5539
– – (in) phosphates, activity, potentiometric (*l*), 5360
– – voltammetric (*l*), 2002
– mineral, adsorption (on), double layer, theory, 1922, 1923
– reaction (with) metals, theory, review, 4834
– oxygen, voltammetric (*l*), 1070
– water interface, charge distribution, electric tension, theory, 4889
Oxidoreductase, electrode (for) polarography, 5187
Oximes, cathodic behavior, 1223
– corrosion inhibitors, 2779
– oscillometric, 1543
– polarographic, 1223
– potentiometric, 1347, 1451
– complexes, potentiometric, 3333
Oxindole phenyliminoderivatives, polarographic, 3135
Oxofluoromolybdate (VI) complexes, conductometric, 3443
Oxonium, *see also* Hydroxonium
– perchlorate, conductometric, 3444
Oxygen, activity (*l*), 511, 3291
– adsorption (on) carbon vitreous, 3014
– – – chromium iron, 1749
– – – cobalt (II) oxide, 4720
– – – – (II–III), oxide, 4720
– – – copper (*l*), 4706
– – – gold, 799, 2699, 2928, 2933
– – – indium, 802, 1738, 1750
– – – iron chromium, 1749
– – – lithium oxide nickel (II) oxide, 4719
– – – nickel, 2960, 4718
– – – – oxide lithiated, 5825
– – – – (II) oxide lithium oxide, 4719
– – – platinum, 793, 803, 804, 1744, 2700, 2701, 2928, 3961, 4713, 4887, 5826
– – – – theory, 26
– – – – platinized, 3548, 3722
– – – silver, 955
– – – titanium (IV) oxide, 801
– (in) air, polarographic, 985
– – alcohols, voltammetric, 4907
– anodic behavior, 1813, 1857, 1858
– (in) argon, coulometric, 5673
– – ascites tumor cells, voltammetric, 1068
– *Aspergillus niger* mycelial pellets, potentiometric, 5363
– (in) beer, 1970
– – biological fluids, cathodic behavior, voltammetric, 3967

Oxygen, (in) blood, coulometric, 2506
– – – electrolytic, 5613
– – – galvanometric, 4767
– – – polarographic, 2883, 5122
– – – voltammetric, 2042
– – boiler water, electrochemical, 4808
– – brandy, voltammetric, 1067
– cathodic behavior, 197, 198, 199, 224, 1026, 1064, 1065, 1066, 1855, 2018, 2037, 2038, 2039, 2040, 2138, 2701, 2921, 2960, 3733, 3802, 4823, 4951, 5012, 5614, 5825, 5967, 5968
– – – surfactants effects (on), 2961
– charge transfer (*l*), 132
– chemical potential, potentiometric, 1342
– chronoamperometric, 1750, 2699, 5826; (*l*) 1777
– chronopotentiometric, 824, 827, 5867
– (in) cobalt, coulometric (*l*), 2507
– consumption (by) *Pseudomonas aeruginosa*, voltammetric, 2044
– (in) copper, activity (*l*), 1380, 2314, 5246
– – – coulometric (*l*), 2507
– – – potentiometric, 1380; (*l*) 2312, 2313, 4274, 5246
– – – thermodynamics (*l*), 5246
– conductometric, 731, 2040
– diffusion, 1164, 3178; (*l*) 132, 509, 1383, 1777, 4779; (*s*) 509
– discharge, 852
– electrode, 1379, 1952, 4777
– – (in) biology, 2043
– – cathodic behavior, 3803
– – Clarke type, 4915
– – (in) fuel cells, 1837
– – hydrophobic, 1863
– – overtension (on), 5011
– – porous, hydrophobic, theory, 85, 86
– – reference, 2309
– – solid state, 3264
– electrogeneration, 473
– electrolytic, 57
– (in) flotation pulps, galvanometric, 3905
– – gases, potentiometric, 4917
– galvanometric, 4975, 5359
– (in) gases, galvanometric, 3904
– – – potentiometric, 3288
– – hemoglobin, polarographic, 5122
– human waste, electrogeneration, 4829
– (in) iron, activity (*l*), 5361
– – – coulometric (*l*), 2507
– – – potentiometric (*l*), 5361
– irradiated, cathodic behavior, 860
– (in) metals, coulometric (*l*), 2507
– meter, 1012, 1163, 1970, 2312, 2873, 4917
– – review, 1011
– (in) milk, amperometric, 5200
– – – polarographic, 2139
– – mitochondria, voltammetric, 1068, 2963
– – myocardium, potentiometric, *in vivo*,, 2231
– – nickel, activity (*l*), 2314
– – – coulometric (*l*), 2507
– – – alloys, coulometric (*l*), 4564
Oxygen, (in) nuclear fuels, potentiometric (*s*), 3837
– – oils, Bunsen coefficients, polarographic, 3082
– overtension (on) manganese (IV) oxide, 196
– – – nickel, 2041
– – – ruthenium (IV) oxide, 3991
– (in) penicillin, potentiometric, 2311
– permeability (in) yttrium oxide zirconium oxide (*s*), 2309
– photoelectrochemistry, 860
– polarographic, 1126, 1163, 1164, 1952, 2040, 2138, 3037, 3733; (*l*) 913
– – review, 5120
– potential diagram, 2242
– potentiodynamic, 2699
– potentiometric, 508, 510, 1163, 2314, 3178, 3272; (*l*) 511, 512, 1383, 3291, 4273, 4274
– – *in vivo*, 2231
– preretinal vitreous body, potentiometric, 3290
– radicals, chemical potential, theory, 1939
– respirometer, 4916
– (in) silver, chronoamperometric (*l*), 5859
– – – diffusion (*l*), 4779; (*s*) 509
– – sodium potentiometric (*l*), 4274
– – silver, solubility (*s*), 509
– solubility, potentiometric (*s*), 1381
– – thermodynamics (*l*), 4274
– (in) steel, coulometric (*l*), 4564
– – – potentiometric (*s*), 3289; (*l*) 482, 5362
– – tin, diffusion, solubility (*l*), 509
– – tissues, polarographic, 3083, 5123
– – – voltammetric, 2043
– trace analysis, 827, 1971
– transport, 5867
– – numbers (*s*), 3772
– voltammetric, 196, 197, 198, 199, 799, 907, 1022, 1025, 1026, 1064, 1065, 1066, 2018, 2036, 2038, 2039, 2040, 2041, 2921, 2960, 2961, 4591, 5012; (*l*) 132
– – theory, 26
– (in) water, 1012, 1971, 4777, 4778
– – – amperometric, 731
– – – potentiometric, 3888, 4272, 5320
– – – trace analysis, 5320
– – – voltammetric, 2962
– – wine, conductometric, potentiometric, 993
– – wustite, potentiometric, 1382
– aluminum, galvanic cell (in) biology, 1835, 2775
– carbon electrode, 5330
– – – chronopotentiometric, voltammetric, 2949
– glucose, fuel cell (in) biology, 1836
– hydrazine, fuel cell, 5937
– hydrogen, fuel cell, 877, 2774
– – – – mass transport (in), 5933
– – – – water exchange process, 875
– neptunium, equilibrium diagram (*l*), 550
– nickel electrode porous, theory, 29
– oxide, voltammetric (*l*), 1070

Oxygen plutonium, equilibrium diagram (*l*), 550
– titanium, potentiometric, thermodynamics (*l*), 3272
– zinc, potentiometric, thermodynamics, 3791
Oxygenases, electrophoretic, 5683, 5789
Ozone, cathodic behavior, electrochemiluminescence, 1069
– electrosynthesis, 2036, 2768, 3493, 5978
– voltammetric, 1069, 2036
Ozonizer, behavior, 2768

Pachycarpine, electrophoretic, 3645
– hydrochloride, polarographic, 4108
– hydroiodide, electrophoretic, 3645
Paints, electrophoretic, 267, 1732
– voltammetric, 267
Palfium, ionization, potentiometric, 3361
Palladium, adsorption (on), 64, 790, 1733, 5828
– – – platinum platinized, 1742
– amperometric, 5190
– anodic behavior, 2017, 5962; (*l*) 2930
– – – theory, 1914
– cathodic behavior, 3992
– (II), cathodic behavior, 224
– corrosion, 2926, 5962; (*l*) 2930
– coulometric, 5677
– electrochemical behavior, 849
– electrocrystallization, theory, 1914
– electrode, anodic behavior, 158, 5904
– – capacitance differential, 3740
– – impedance, 844
– – (for) potentiometry, 5327
– – resistance, 1956
– electrodeposition, 224, 699, 2475, 5632, 5633, 5634
– – review, 1565
– electrophoretic, 745
– (II), electrolytic, 2475
– hydrogen diffusion (in), 891
– (II), (by) impedance, 224
– – polarographic, 3101
– voltammetric, 2926, 3992
– (II), voltammetric, 224
– – chloride, complexes, conductometric, 4443
– – complexes, cathodic behavior, 3102
– complexes, conductometric, 5510; (*s*) 5507
– (II) complexes, conductometric, 635, 1540, 3449
– complexes, electromigration, 4588
– (II) complexes, electrolytic, 1787
– complexes, electrophoretic, 745, 5701
– (II) complexes, ionization, 635
– – – polarographic, 3102
– – – potentiometric, 5273, 5419
– – – stability, 5273
– gold, electrode (with) glass substrate, (for) potentiometry, voltammetry, 2001
– lead, corrosion, voltammetric, 2926
– nickel, adsorption (on), 4707
– selenide, conductometric (*s*), 3448
– silver, hydrogen diffusion (in), 891
Palladium (II) thiocyanate, complexes, conductometric, 4443
– titanium, anodic behavior, corrosion, potentiostatic, 1846
Palmitic acid, *see* Hexadecanoic acid
Palygorskite, zeta electric tension, 3901
Pamoate complexes, cathodic behavior, polarographic, 5133
Papain, adsorption (on) mercury, 2718
– electrophoretic, proteolysis, 774
Papaverine, potentiometric, 3336
– hydrochloride, coulometric, 5678
– – electrophoretic, 4607
– – polarographic, 4108
– – potentiometric, 3337, 5678
Paraffin(s) hetero derivatives, cathodic behavior, polarographic, review, 4079
Paromomycin, electrophoretic, 2531
Passivation, review, 1853; (*l*) 908
– technique (for) 1853
– theory, 1853, 1890, 4854, 4891
Peats, electrophoretic, zeta electric tension, 5815
Pectic acid, ionization, potentiometric, synthesis, 560
Pectin, polarographic, 1204
Peltier heat, 967
Penicillamine hydrochloride, amperometric, 1260
Penicillin electrode, selective, 4327
– electrophoretic, 3575
– fermentation, oxygen (in), 2311
Penicilloic acid derivatives, electrophoretic, 758
Pentaacetic acid substituted, complexes, polarographic, 1152, 5128
– – – – reaction (with) zirconium (IV), electrophoretic, 2515
– – – – stability, 1152
Pentacosanic acid, electrosynthesis, 5649
Pentaerythritol tetranitrate, polarographic, 2201
Pentanal acetyl–, complexes, polarographic, 325
Pentane dibromo–, cathodic behavior, 3509, 4826
– – electrolytic, 3509
Pentanedial bisthiosemicarbazone, complexes, polarographic, 325
Pentanedioic acid, conductometric, 3458
– – ionization, 1546, 3339, 3458
– – oscillometric, 5563
– – potentiometric, 1546, 3339
– – amino–, *see* Glutamic acid
– – complexes, potentiometric, 1349, 1406
– – dimercapto–, complexes, potentiometric, 494
– – trihydroxy–, complexes, electromigration, stability, 5880
– imidodioxime, potentiometric, 5435
– imidooxime, potentiometric, 5435
Pentanediol methyl–, electrosynthesis, 4540
Pentanedione, adsorption (on) ammonium tetramethyl– amalgam, 1762

Pentanedione, adsorption (on) mercury dropping, 3732
– – – lithium amalgam, (on) sodium amalgam, 1762
– polarographic, 1181
– solvent (for) polarography, 209
– – – potentiometry, 3261
– – – voltammetry, 209
– anthranilic acid, complexes, formation, potentiometric, stability, 4184
– bisthiosemicarbazone, complexes, polarographic, 325
– complexes, cathodic behavior, 1074
– – coulometric, 1181
– – electrolytic, 3502
– – polarographic, 314, 1074, 1181
– – potentiometric, 1348, 4288
– – stability, 1348, 4288
– – voltammetric, 1074
Pentanedithiol, electrolytic, fluorination, 3514
Pentanoate derivatives, cathodic behavior, polarographic, 2163
Pentanoic acid, adsorption (on) bismuth (*l*), 4732
– – – – mercury dropping, 4744, 5835
– – ionization, potentiometric, 4256
– – complexes, potentiometric, stability, 4256
– – oxo–, (in) wood hydrolyzates, oscillometric, 5564
– – – complexes, polarographic, 1141, 1150
– – – – stability, 1150
Pentanol, adsorption (on) copper, 1759
n–Pentanol, adsorption (on) gold, 5830
Pentanol, adsorption (on) mercury, 3730
iso–Pentanol, adsorption (on) mercury, 5103
n–Pentanol, adsorption (on) mercury dropping, 3079
– – – nickel, 5830
– – – platinum, 810
– – – tin, 3729
Pentanol, anodic behavior, electrolytic, 4537
– solvent (for) conductometry, 1495, 1496, 2410, 2411, 5493
iso–Pentanol, solvent (for) conductometry, 5355
n–Pentanol, solvent (for) conductometry, 5549
Pentanol, solvent (for) potentiometry, 1339, 1408
iso–Pentanol, solvent (for) potentiometry, 504, 5355
Pentanol, solvent (for) voltammetry, 3923
Pentenol methyl–, electrosynthesis, 706
Pentenone methyl–, *see also* Mesityl oxide
Pentoses hydrolyzed, acidity, conductometric, 1544
Pentyl acetate, complexes, conductometric, 1532
– maleate, potentiometric, 4311
– pentanoate, adsorption (on) mercury, 3730
Pepsin, electrophoretic, 1673
– bovine, electrophoretic, 2626
Pepsin, human, electrophoretic, 4671, 5772
Pepsinogen, human, electrophoretic, 5772
Peptidases, electrophoretic, 1692, 1694, 1695, 1696, 1713, 2659, 4684, 4685
– tobacco mosaic virus, electrophoretic, 1713
Peptides, electrophoretic, 4611, 5710, 5712
– chloroplast, electrophoretic, 2534
– urine, electrophoretic, 5713
Perbromate, cathodic behavior, coulometric, voltammetric, 5025
Perchlorate, adsorption (on) bismuth, 1982
– – – carbon, 1109
– – – mercury, 795, 1741, 3721
– conductometric, 1488, 4388
– electrode, selective, 502, 532, 3278, 4263
– solvation, 1488
– transport numbers, 4388
– complexes, conductometric, stability, 4434
Perchloric acid, adsorption electric tension, 1420
– – anodic behavior, 3495
– – conductometric, 596, 624, 2396, 3444, 5550
– – electrolytic, 3493, 3495, 5616
– – electrosynthesis, 3493
– – hydration, 624
– – polarographic, 1170
– – potentiometric, 1420, 3187, 4300, 5384
– – solvation, 1170, 2396
– – thermoelectric tension, thermodynamics, 4300
Perchloroallyl cations, conductometric, 3452
Periodate complexes, voltammetric, 148
Permanganate, *see also* Manganese (VI)
– amperometric, 2211, 4118
– potentiometric, 3262
– reaction (with) benzaldehyde nitro–, potentiometric, 5441
– – – formic acid, potentiometric, 4303
– – – sulfite, potentiometric, 518
– – – tartaric acid, potentiometric, 4303
Peroxidases, electrophoretic, 1714, 2660, 3678, 4676, 5791
– carrot, electrophoretic, 4676
– horse radish, electrophoretic, 2660
– *Lens culinaris*, electrophoretic, 1714
– *Nicotiana tabacum*, electrophoretic, 5791
– organic, amperometric, 2217
– – coulometric, 4569
– – potentiometric, 3317
Peroxydisulfate, cathodic behavior, 2965, 5016
– electrolytic, 5617
– voltammetric, 2965, 5016
Perrhenate, *see also* Rhenium (VII)
– amperometric, 5202
– cathodic behavior, 313
– electrophoretic, 3562
– polarographic, 313
Persulfate, cathodic behavior, voltammetric, 2046
Pertechnetate, *see also* Technetium (VII)
– cathodic behavior, electrolytic, polarographic, 4523

Perylene, adsorption (on) platinum platinized, 2706
– anodic behavior, 3011
– electrochemiluminescence, 1887
– voltammetric, 3011
– – theory, 2828
– complexes, conductometric (*s*), 5507
Pesticides, amperometric, 5207
– chromatocoulometric, 3896
– phenols (in), 3350
– polarographic, review, 3146
– potentiometric, 3350
Petroleum, fluoride (in), 3307
– nitrogen bases (in), 1371
– sulfur (in), 513
– vanadium (in), 1611
– water (in), 1241
pH, *see also* acidity
– *vs* electric tension diagram, computerization, 44
– electrodes, 2841, 4141
– errors, 4140
– maintenance, instrumentation, 102
– (in) meat, 5224
– meter (in) biology, 5220
– – PJC–111, 4914
– – review, 3875
– (in) myocardium *in vivo*, 2231
– – rat muscles *in vivo*, 1268
– – soil, 5222
– theory, 2841
– *in vivo*, 1268, 2231, 5225
– (in) wine, 993
pH–stat titrator, 991
Phenacyl bromide, *see* Acetophenone bromo–
– sulfide, *see* Acetophenone thio–
Phenadone, ionization, potentiometric, 3361
Phenamide dichloro–, potentiometric, 3337
Phenanthrene anion radical, electrocatalytic reaction, 4826
– electrochemiluminescence, 1887 ; (*l*) 3012
Phenanthroline, activity, 4342
– acylation, coulometric, electrolytic, 2186
– ionization, 4342
– polarographic, 2186
– potentiometric, 4342
– complexes, cathodic behavior, 4069
– – conductometric, 3430, 3431, 3443, 5537
– – coulometric, 1095, 1609
– – electrochemiluminescence, 1095
– – electrophoretic, 5699
– – formation, 4308
– – polarographic, 4069
– – potentiometric, 1375, 4217, 4308
– – redox behavior, 1095
– – voltammetric, 1095, 3990, 4069
– derivatives, anodic behavior, cathodic behavior, polarographic, voltammetric, 336
– – complexes, voltammetric, 147, 3990
– dimethyl–, diphenyl–, complexes, cathodic behavior, polarographic, voltammetric, 4069
– oxide, complexes, conductometric, 5543
Phenanthrolinium, activity, potentiometric, 4342
Phenazine bromo–, chloro–, polarographic, radicalization, voltammetric, 258
– dioxide, anodic behavior, 5908
– – radical, chronoamperometric, dimerization, voltammetric, 5070
– – benzo– radical, chronoamperometric, dimerization, voltammetric, 5070
– iodo–, polarographic, radicalization, voltammetric, 5070
Phenazone amino–, potentiometric, 1476
Phenetyl amine, *see* Ethane aminophenyl–
Phenobarbital, *see also* Barbituric acid ethylphenyl–
– conductometric, 663
– electrophoretic, 5704
– methyl–, electrophoretic, 5704
Phenol, adsorption (on) mercury, 2696
– anodic behavior, 250, 1115
– bromination, coulometric, 2365
– (in) drugs, electrophoretic, 4605
– – pesticides, potentiometric, 3350
– polarographic, 1213
– potentiometric, 2365
– voltammetric, 250, 1115, 5031
– (in) waste water, potentiometric, 1273
– alkyl derivatives, acidity, potentiometric, 575
– amino–, *see also* Aniline hydroxy–
– – alkyl derivatives, anodic behavior, 1601
– – – – potentiometric, 4335
– – diazo derivatives, ionization, potentiometric, 3351
– chloro–, derivatives, ionization, potentiometric, 5439
– chlorothio–, electrolytic, fluorination, 713
– complexes, conductometric, 1542
– derivatives, corrosion inhibitors, 4811
– – electrophoretic, 754
– – complexes, conductometric, 620
– dinitro–, anodic behavior, voltammetric, 3017
– – complexes, conductometric, 3395
– formaldehyde resins, oscillometric, 656
– halo– derivatives, ionization, potentiometric, thermodynamics, 2364
– mercapto– derivatives, ionization, potentiometric, 4199
– – – complexes, potentiometric, 544, 4199
– – – – stability, 4199
– methoxy–, anodic behavior, chronopotentiometric, dealkylation, voltammetric, 1114
– nitro–, adsorption (on) platinum platinized, 2714
– – association, 574
– – cathodic behavior, electrolytic, 3018
– – electrophoretic, 5705
– – ionization, 574
– – polarographic, 1207, 3018
– – potentiometric, 574
– – voltammetric, 3018
– – derivatives, potentiometric, 4334
– nitroso–, polarographic, 1213

Phenol Red, electrophoretic, 5705
– substituted, ionization, potentiometric, 2368
– sulfochloro– complexes, electrophoretic, 745
– sulfodinitro–, potentiometric, 5440
– sulfonic acid amino–, protonation, potentiometric, 5412
– – – – complexes, formation, potentiometric, 5412
– – – complexes, potentiometric, stability, 3197
– sulfonitro–, complexes, electrophoretic, 745
– thio–, coulometric, 4571
– – electrolytic, fluorination, 713
– – ionization, 2366
– – potentiometric, 553, 2366
– – derivatives, ionization, potentiometric, 2366
Phenosafranine, cathodic behavior, polarographic, 5177
– reaction (with) free radicals, redox electric tension, 4349
Phenothiazine, electrophoretic, 5708
– derivatives, anodic behavior, coulometric, voltammetric, 260
– methyl– polymers, conductometric, 1547
– nitro–, cathodic behavior, polarographic, 2191
– – derivatives, cathodic behavior, polarographic, 2191
– vinyl–, complexes, conductometric, 3436
Phenoxanthin, anodic behavior, cathodic behavior, voltammetric, 5061
Phenoxazinone synthetase, *Streptomyces antibiotics*, electrophoretic, 1724
Phenoxy hydroxy– radicals, polarographic, 5147
Phenyl alanine, desalting, electrophoretic, 753bis
– – ionization, 5271
– – polarographic, 1200
– – potentiometric, 1448, 5271
– – complexes, potentiometric, stability, 3247, 3326, 5271
– amine, *see* Aniline
– azide, polarographic, 5154
– benzoyl diketone oxime, derivatives, cathodic behavior, voltammetric, 2083
– diguanide, complexes, conductometric, 3443
– ethers dinitro–, derivatives, polarographic, 4095
– glyoxal aldoxime, cathodic behavior, coulometric, polarographic, 355
– – hydrazone, cathodic behavior, coulometric, polarographic, 355
– isocyanide, complexes, voltammetric, 2975
– sulfide, anodic behavior, cathodic behavior, 5061
– – electrolytic, 2480
– – voltammetric, 5061
Phenylene diamine, *see* Benzene diamino–
Phloridzin, electrophoretic, 5784
Phosphatases, electrophoretic, 777, 782, 1275, 1715, 2661, 2662, 3568, 3660, 3663, 3679, 3680, 3682, 3683, 3684, 3685, 3686, 3687, 4639, 4676, 4686, 4687, 4688, 4689, 4690, 4691, 4693, 5737, 5742, 5793
– polarographic, 1232
– human blood serum, electrophoretic, 2661
– *Neurospora crassa*, electrophoretic, 782, 1715
– *Physa fontanalis*, electrophoretic, 3687
– prostate, electrophoretic, 3685
– *Sarcofilus harrisii*, electrophoretic, 2662
– acid, carrot, electrophoretic, 4676
– – *Fennectus zerda* blood, electrophoretic, 3679
– – human erythrocytes, electrophoretic, 3660
– – wheat germ, electrophoretic, 3681
– – rabbit spermatozoa, electrophoretic, 4686, 4690
– – *Sclerotinia*, electrophoretic, 5751
– alkaline irradiated, electrophoretic, 3684
– – human serum, electrophoretic, 4639, 5792
– – placental, electrophoretic, 4691
– – serum, electrophoretic, 3682, 3683
– – silkworm, electrophoretic, 4687
Phosphate, adsorption (on) hematite, 2689, 5402
– – – mercury, 797, 1748
– chronopotentiometric, 5866
– electrophoretic, 3568
– membrane ion–exchange, conductometric, diffusion (through), potentiometric, 5352
– mobility, 742
– oxide ion (in), 5360
– potentiometric, 505, 2302, 3256, 4265, 5351
– (in) water, chronopotentiometric, 3754
– – – potentiometric, 4266
– complexes, potentiometric, 451, 467, 5304
– dehydrogenase, electrophoretic, 777
Phosphatidyl ethanolamine membrane, alamethicin–treated, conductometric, voltammetric, 5055
Phosphine, *see also* Phosphorous hydride
– reaction (with) bromate, potentiometric, 503
– – – iodate, potentiometric, 3279
– voltammetric, 4966
– complexes, voltammetric, 2062
– derivatives, cathodic behavior, polarographic, voltammetric, 2958
– triphenyl–, *see* Triphenyl phosphine
Phosphinic acid, derivatives, ionization, potentiometric, 5423
– – dialkyl–, diaryl–, derivatives, ionization, potentiometric, 555
Phosphinoethane derivatives, complexes, cathodic behavior, voltammetric, 1052
Phosphoaluminate chromium (III) oxide, conductometric (*l*), 1526
– cobalt (II) oxide, conductometric (*l*), 1525
– nickel (II) oxide, conductometric (*l*), 1525

Phosphoaluminate vanadium (V) oxide, conductometric (*l*), 1526
Phosphodiesterase, electrophoretic, 1716, 1717
Phosphoenolpyruvate carboxylase, *Euglena gracilis*, electrophoretic, 775
Phosphofructokinase, rabbit muscle, electrophoretic, 2655, 5794
– yeast, electrophoretic, 1718
Phosphoglucomutase, horse erythrocytes, electrophoretic, 4692
Phosphogluconate, electrophoretic, 4590
Phosphoglucose isomerase, electrophoretic, 1719
Phosphoglycerate kinase, spinach, electrophoretic, 3670
Phosphohydrolase, human serum, electrophoretic, 3669
– nucleotide, potentiometric, 2376
Phosphoinositide, membranes, conductometric, 665
– – electric tension, potentiometric, 585
Phospholipid membranes, brain, conductometric, electric tension, ionic transport, 4362
– – diffusion electric tension, 5459
– – voltammetric, 2093
– reaction (with) iodine, conductometric, 2439
Phosphomolybdate, *see* Molybdenum heteropolyacids, *see* Phosphorous heteropolyacids
Phosphonate derivatives, hydrolysis, potentiometric, 1442
Phosphonic acid(s) aromatic, ionization, potentiometric, 5424
– – alkyl–, derivatives, ionization, potentiometric, 555, 4322
– – aryl–, derivatives, ionization, potentiometric, 555, 557
– – derivatives, ionization, potentiometric, 5423
– – phenyl–, potentiometric, 3349
Phosphonite alkyldiphenyl–, dialkyldiphenyl–, complexes, conductometric, 5505
Phosphonitrile derivatives, conductometric (*s*), 2435
Phosphonium quaternary electrode, selective, 4264
– triphenyl–, complexes, conductometric, 5546
Phosphonous acid phenyl–, conductometric, potentiometric, 3349
Phosphoproteins, electrophoretic, 1638
– vaccinia viriions, electrophoretic, 3646
Phosphoric acid, conductometric, 647
– – fluoride (in), 5379
– – ionization, 5350
– – potentiometric, 3187, 5349, 5350
– – complexes, conductometric, 1532, 1533
Phosphorous, amperometric, coulometric, potentiometric, 1960
– (in) steel, amperometric, 4117
– acid, anodic behavior, coulometric, voltammetric, 2032
Phosphorous (III) bromide, conductometric, 4439
– – chloride, conductometric, 4439
– cobalt, electrocrystallization, 1579
– – nickel, electrocrystallization, 1579
– compounds, cathodic behavior, voltammetric, 4966
– (V) heteropolyacids, electrolytic, 3041
– – – ionization, 1373
– – – polarographic, 1162
– – – potentiometric, 504, 505, 1373
– – – redox electric tension, 1373
– hydride, *see also* Phosphine
– – electrolytic, 688
– iron, potentiometric, thermodynamics (*l*), 5348
– nickel, electrodeposition, 4509, 4510
– nitride, conductometric, 5535
– (V) oxide calcium oxide, conductometric, potentiometric (*s*), 456
Phosphors, chlorine (in), fluoride (in), 5378
Phosphoryl phosphatase, rabbit serum, electrophoretic, 4689
Phosphorylases, electrophoretic, 2663, 2664, 3688, 5795
– polarographic, 5186
Phosphotransferases, electrophoretic, 779
Photoelectrochemistry, 969, 3804
– (in) acetic acid, 862
– theory, 87, 88, 1869
Photoelectrons, hydrated, scavenging, photopolarographic, 1828
Photography, development, 5928
Phthalate complexes, polarographic, stability, 2117
– derivatives, anodic aryloxylation, electrolytic, 2492
Phthalazine, acylation, coulometric, electrolytic, polarographic, 2186
– hydrochloride hydrazino–, *see* Apresoline
– sulfate dihydrazino–, *see* Nepresol
Phthalic acid, *see also* Benzene dicarboxylic acid
iso–Phthalic acid, *see also* Benzene dicarboxylic acid
Phthalic acid, deprotonation, 866
iso–Phthalic acid, deprotonation, 866
Phthalic acid electrode, selective, 3340, 4338
– – Kolbe synthesis, 1598
– – ionization, 1457
– – polarographic, 3068
– – potentiometric, 1457, 3337
– – potentiostatic, 866
iso–Phthalic acid, potentiostatic, 866
Phthalic acid anhydride, potentiometric, 4317
– – – copolymers, electrodeposition, 4541
– – complexes, formation, hydrolysis, 5357
– – – polarographic, 3068
iso–Phthalic acid complexes, polarographic, 3068
Phthalic acid complexes, potentiometric, 2286, 5352
iso–Phthalic acid dihydrazide, polarographic, 353

Phthalic acid imide, *see* Phthalimide
– – nitro–, ionization, potentiometric, 3339
– – tetrahydro–, *see* Cyclohexene dicarboxylic acid
Phthalimide, cathodic behavior, chronopotentiometric, polarographic, voltammetric, 5068
– dioxime, potentiometric, 5435
– dithiotetrahydro–, cathodic behavior, polarographic, 1216
– methyl–, benzoxylation, electrolytic, 2486
– oxime, potentiometric, 5435
Phthaliminidine derivatives, cathodic behavior, polarographic, 1217
Phthalocyanine complexes, conductometric, 2623
– copper films nonporous, photovoltaic effect, 1039
Picolinaldehyde, polarographic, 1238
– derivatives, ionization, potentiometric, 1473
Picolinamide, polarographic, 1238, 3139
– complexes, formation, 2116
– – polarographic, 2116, 3048
– – stability, 3048
Picolinate complexes, formation, 2116
– – polarographic, 2116, 3048
– – stability, 3048
Picoline, polarographic, 3127
– potentiometric, 3331, 4334
– reaction (with) acetic acid, (with) formic acid, conductometric, 3456
– complexes, conductometric, 622, 1516, 3443, 5516
– – polarographic, 4072
– – potentiometric, stability, 1334
– hydroperoxide, polarographic, 3127
Picolinic acid, *see also* Pyridine carboxylic acid
– – polarographic, 1238
– – complexes, conductometric, 2430
– – – polarographic, stability, 5118
Picolinium hexadecyl–, octadecyl–, complexes, conductometric, 632
Picolinonitrile, polarographic, 1238, 3139
Picrate, ionization, potentiometric, 4312
Picric acid buffer, 4137, 5229
– – polarographic, 2201
– – potentiometric, 5384
– – voltammetric, 5065
Pigments, algae, electrophoretic, 4677
Pilocarpine, potentiometric, 1476
Pimelic acid, *see* Heptanedioic acid
– ketone, *see also* Cyclohexanone
Pinane, adsorption (on) cadmium amalgam dropping, 5838
Pinene, adsorption (on) cadmium amalgam dropping, 5838
Piperazine, potentiometric, protonation, thermodynamics, 580
– complexes, potentiometric, stability, thermodynamics, 2262
– derivatives, complexes, potentiometric, stability, thermodynamics, 2262
Piperazine methyl–, phenyl–, potentiometric, protonation, thermodynamics, 580
Piperidine, basicity, 405
– potentiometric, 405, 1448, 4336
– reaction (with) benzyl thiocyanate, potentiometric, 4313
– alkyl derivatives, corrosion inhibitors, 2977
– – – potentiometric, stability, 2263
– alkylsilyl derivatives, ionization, potentiometric, 5444
– aminals, basicity, potentiometric, 5442
– benzoyl–, adsorption (on) mercury dropping, polarographic, 1144
– complexes, potentiometric, stability, 2263
– derivatives, complexes, polarographic, 5138
– dibenzoyl–, adsorption (on) mercury, 1760
– nitroxide tetramethyl–, cathodic behavior, conductometric, voltammetric, 259
– oxide tetramethyl– radical, conductometric (*s*), 2437
– polymers, conductometric, 5570
Piperidinium salts, ionization, potentiometric, 4312
Piperidinone oxide tetramethyl– radical, conductometric (*s*), 2437
Piperidone complexes, conductometric, 5533
Pitts theory, 47
Plants, acidity (in), 5471
– ascorbic acid (in), ascorbic acid dehydro– (in), 5183
– cells, electric tension, review, 3370, 5472
– chloride (in), 1418
– copper (in), lead (in), 3751, 5862
– methylnitrophos (in), 3145
– nitrate (in), 5347
– nitrogen (in), 5188
– redox electric tension, 5471
– roots, electric tension, theory, 929
– tissues, bioelectric tension, 2382
– zinc (in), 5862
Plasma, ammonium (in), 3885, 4163
Plasmin, human, electrophoretic, 3647
Plasminogen, human, electrophoretic, 3647
– activators, electrophoretic, 5809
Platinum, adsorption (on), 64, 125, 126, 158, 190, 191, 193, 203, 261, 707, 792, 793, 794, 803, 804, 805, 809, 810, 824, 955, 956, 1078, 1101, 1111, 1733, 1735, 1739, 1744, 1753, 1770, 1854, 1974, 1984, 1985, 2030, 2686, 2697, 2700, 2701, 2705, 2707, 2709, 2823, 2928, 2997, 2999, 3028, 3029, 3718, 3720, 3725, 3726, 3734, 3961, 3993, 4707, 4711, 4713, 4727, 4731, 4877, 4955, 5616, 5817, 5819, 5820, 5823, 5826, 5829, 5830
– – – review, 2685
– – – theory, 26, 2858
– (IV), amperometric, 1613
– anodic behavior, 225, 1097, 4992
– black, electric tension, electrocatalyst, 2785
– – cobalt–supported, silver–supported, electrocatalyst, 3961
– (IV), cathodic behavior, 1733
– (0–II), chronopotentiometric (*l*), 1098
– (II–IV), chronopotentiometric (*l*), 227

Platinum, corrosion, 2926
– (0–II), coulometric (*l*), 1098
– (IV), coulometric, 1613
– electrochemical behavior, 849
– electrode, admittance, 3766
– – anodic behavior, 158, 834, 2758, 4775, 5869
– – capacitance, 191, 1744
– – – differential, 810, 820, 2726, 3740
– – capillary (for) biology, 4921
– – charge transfer, 175, 725
– – chronoamperometric, 72
– – chronopotentiometric, 4757, 5869
– – disc, voltammetric, 2067
– – double layer, 820
– – electric tension, theory, 43
– – electrocatalyst, 1022, 2686, 3993, 4708, 4715, 4824
– – electroreflectance, 792
– – ellipsometric, 834
– – galvanostatic, 4757
– – (with) glass substrate, (for) potentiometry, (for) voltammetry, 2001
– – impedance, 794, 4772
– – inlay, (for) potentiometry, voltammetry, 2001
– – (with) interchangeable tips, 1947
– – mass transport, 175, 725
– – overtension (on), 2686
– – oxidized, anodic behavior, 1096
– – – cathodic behavior, 1096, 3995
– – – coulometric, 226
– – – electrons tunnelling effect (on), 1857, 1858
– – – voltammetric, 226, 1072, 3995
– – platinized, electrocatalyst, voltammetric, 3994
– – (for) potentiometry, 515, 3262
– – potentiostatic, 4757
– – pseudocapacitance, 794
– – – theory, 26
– – redox behavior, 2823
– – – polarization, electrothermographic, 1823
– – rest electric tension, 803
– – rotating, diffusion current, 3782
– – – double ring, electrochemiluminescence, 1860
– – roughening, voltammetric, 5981
– – tubular, (for) voltammetry, 2982
– – voltammetry, 72, 158, 1072, 1985, 2823, 3933; (*l*) 3948, 3949
– electrodeposition, 2476, 4527, 5633
– – review, 1565
– (II), electrolytic, 2476
– electrophoretic, 745
– electron work function, 3867
– (IV), galvanostatic, 1733
– platinized, adsorption (on), 125, 811, 1740, 1742, 1752, 1766, 2706, 2708, 2714, 3548, 3722, 3728, 3994, 4709, 4717, 4721, 4726, 4728, 4735
– (0–II), potentiometric (*l*), 1098
– (IV), potentiometric, 1613, 1733
Platinum, redox behavior, theory, 3230
– voltammetric, 982, 1097, 2926, 4992
– (0–II), voltammetric (*l*), 1098
– (II–IV), voltammetric (*l*), 227
– zero charge point, 3867, 5918
– cobalt, electrodeposition, 2470
– complexes, adsorption (on) platinum, cathodic behavior, 3725
– (II) complexes, cathodic behavior, 1185, 3726, 4077
– (IV) complexes, cathodic behavior, 3726
– complexes, conductometric, 4445, 5505, 5510
– (II) complexes, conductometric, 3449
– (IV) complexes, conductometric, 635
– (II) complexes, diffusion, 1185
– complexes, electromigration, 4588
– – electrophoretic, 745, 5701
– (II) complexes, ionization, 5420
– (IV) complexes, ionization, 635
– (II) complexes, polarographic, 1185, 4077
– – – potentiometric, 1437, 1438, 1439, 4309, 4310, 5420
– (IV) complexes, potentiometric, 5421
– (II) complexes, stability, 1437, 1439
– (IV) complexes, stability, 5421
– copper electrode, electrocatalyst, 4822
– – – overtension (on), 4822
– group, metals|electrolyte interface, review, 2685
– hydrogen electrode, processes, 3863, 3864, 2865
– – – theory, 3815
– iridium, adsorption (on), 5834
– lead, corrosion, voltammetric, 2926
– (IV) organoderivatives, cathodic behavior, polarographic, 1186
– osmium electrode, electrocatalyst, poisoning, 4715
– oxide, cathodic behavior, 16
– – electrode (for) amperometry, 5195
– – formation, removal, 4785
– – voltammetric, 16, 2988
– platinized, adsorption (on), review, 4725
– rhenium, adsorption (on), 4707
– rhodium, adsorption (on), 1735, 1736, 4730, 5818
– rubidium silver iodide interphase, impedance, 1796
– ruthenium electrode, anodic behavior, potentiostatic, 5915
– silver bromide, interface capacitance (*s*), 5852
– – iodide interface, capacitance (*s*), 5852
– sodium chloride interface, current distribution, 5844
– telluride, conductometric (*s*), 3448
– tin (II) chloride interface, impedance (*l*), 4772
– titanium Raney electrode, adsorption (on), electrocatalyst, 4716
– tungsten, electrode (for) potentiometry, 5373

Platyphylline hydrotartrate, electrophoretic, 4607
Plerocercoid growth factor, *Spirometra mausonoides*, electrophoretic, 4600
Plugs, surface conductance, theory, 4876
Plutonium (V), *see also* Plutonyl (I)
– (VI), *see also* Plutonyl (II)
– (IV), amperometric, 391
– (VI), amperometric, 4568
– coulometric, 727, 2502, 3539, 3549
– (III), coulometric, 738
– (IV), coulometric, 739
– (VI), coulometric, 4568
– electrophoretic, 2518
– (VI–VII), formal electric tension, 2346
– (in) nuclear fuels, coulometric, 5674
– (III), potentiometric, 551
– (IV), potentiometric, 391
– redox behavior, 2502
– – – theory, 3230
– (III–IV), redox electric tension, 4568
– (III), S.E.T., 551
– (III–IV), S.E.T. (*l*), 2345
– (V–VI), S.E.T., 5422
– (VI–VII), S.E.T., 5422
– sulfur (in), 3293
– (V) complexes, electrophoretic, 4589
– (VI) complexes, potentiometric, stability, 1406
– iron electrode, processes, potentiometric (*l*), 454
– (IV) oxide, solubility, potentiometric (*l*), 550
– oxygen, equilibrium diagram (*l*), 550
Plutonyl (I), *see also* Plutonium (VI)
Plutonyl (II), *see also* Plutonium (VI)
Polarization, theory, 77, 220
Polarography (with) accumulation, theory, 1898
– (in) acetamide dimethyl–, 272
– – acetate, 298, 378, 1168
– – – chloro–, 1168
– – acetic acid, 298, 366, 1218, 4063, 4082, 4100
– – – – trifluoro–, 3126
– – acetone, 98, 288, 352, 1147, 1208, 2118, 2165, 2178, 2201, 3116, 3944, 3965, 3973, 4017, 4095, 4100, 5107, 5120
– – acetonitrile, 253, 336, 338, 351, 358, 361, 1029, 1090, 1141, 1170, 2061, 2084, 2172, 2173, 3036, 3060, 3098, 3116, 3121, 3124, 3125, 3144, 3944, 3985, 4037, 4069, 5047, 5095, 5108, 5158, 5161, 5176
– – aluminum chloride sodium chloride (*l*), 3925
– amalgam (with) accumulation, theory, 1899
– (in) ammonia (*l*), 1128
– – benzcatechol, 1168
– – benzene, 3035, 3060, 3127, 4082, 4088, 5150
– – benzonitrile, 3036, 3944
– – Britton Robinson buffer, 360, 4097
– – butanoic acid hydroxy– lactone, 5487
– – calcium nitrate (*l*), 3058
Polarography, catalytic waves, theory, 910
– (in) cellosolve methyl–, 4092
– computerization, 2831, 2876, 5061
– – review, 1123
– data processing, 38, 912
– differential pulse, theory, 1896
– digitalization, 3881
– (in) diglyme, 1128
– – dimethylsulfoxide, 272, 1128, 1141, 2061, 3100, 3108, 3121, 3944, 4071, 4091, 5084, 5105, 5129, 5133, 5487
– – dioxane, 322, 719, 1141, 1198, 3112, 5129
– discharge, 33
– double pulse, 1175
– errors, 909
– (in) ethane nitro–, 3944
– – ethanol, 31, 321, 329, 332, 335, 340 341, 347, 373, 1178, 1194, 2061, 2152, 2153, 2166, 2169, 2170, 2189, 2201, 3035, 3060, 3109, 3116, 3128, 3134, 3144, 3944, 4030, 4083, 5082, 5101, 5134, 5161, 5174, 5181
– – ethanolamine, 1168
– – ethylene diamine, 319
– – glycol, 1141, 5134
– faradaic rectification, 1174
– (in) formamide dimethyl–, 253, 258, 272, 322, 336, 337, 341, 354, 358, 368, 374, 379, 1074, 1194, 1206, 1221, 1223, 2061, 2097, 2161, 2172, 2180, 2181, 2186, 2187, 2195, 3040, 3049, 3050, 3060, 3109, 3113, 3116, 3117, 3120, 3121, 3123, 3126, 3143, 3144, 3944, 4032, 4033, 4034, 4070, 4082, 4088, 4090, 4092, 5068, 5086, 5092, 5095, 5105, 5138, 5161
– – – methyl–, 1198
– – formate, 1168
– – formic acid, 310, 2201
– – furan tetrahydro–, 2958, 3008, 5487
– – furyl alcohol tetrahydro–, 2201
– – glycerol, 5134
– – glycolic acid thio–, 2155, 3986
– – heavy water, 5083
– hexamethylphosphoramide, 2040, 2150
– high–frequency, 1131
– – theory, 1897
– higher armonic *a.c.*, 34
– (in) hydrofluoric acid. 2125
– instrumentation, 96, 97, 98, 981, 984, 985, 986, 987, 1951, 2874, 2876, 2879, 2880, 2881, 2882, 2883, 2884, 3876, 3879, 3880, 3881, 3882, 3991, 4909, 4910, 4911
– – review, 983
– maxima, 280, 911
– – first kind, 2138
– – second kind, 268
– – suppression, 2105
– – third kind, 3033
– (in) methane dichloro–, 1179
– – – nitro–, 3944
– – – trichloro–, 4037
– – methanol, 154, 337, 360, 1151, 1169, 1181, 2105, 2112, 2174, 2201, 3036, 3040, 3109, 3127, 3144, 3944, 4037, 4053, 4082, 4090, 4093, 4213, 5110, 5134, 5150

Polarography, (in) methyl–*iso*–butyl ketone, 314, 3037
– multiparametric curve fitting, 36
– (in) organic solvents, review, 5144
– overlapping curves deconvolution, 2831
– (without) oxygen removal, 3030
– peaks integration, 986
– (in) pentanedione, 209
– – propanediol, 5134
– – – carbonate, 3036
– – propanol, 4086, 5134
– – propylene carbonate, 272, 1029, 2100, 2203, 3144, 3944, 5487
– – – glycol, 5134
– pulse, theory, 1895
– (in) pyridine, 1132, 1168, 2201, 3040, 3051, 4023
– recorders X–Y (for), 3911
– resistance uncompensated effect, 3042
– review (*l*), 908
– (in) semicarbazide thio–, 3986
– sensitivity, 909
– (with) sinusoidal modulation, technique, 2095
– (in) sodium chloride aluminum chloride (*l*), 3925
– square wave, review, 4858
– technique, 33, 34, 269, 1131, 1175, 2096, 3030, 3031, 5099, 5189
– – review, 5079, 5080
– (in) tetramethylene sulfone, 5084
– theory, 18, 20, 27, 31, 34, 35, 36, 37, 910, 912, 1893, 1894, 2099, 2829, 2830, 3825, 3826, 3827, 3828, 4851, 4859, 4860, 4861
– (in) toluene, 2105, 3040
– – triethanolamine, 1168, 1172
– – Tris buffer, 1168
– voltage sweep, 2096
Polonium, coulometric, 727, 3539
– electrolytic, 695
– redox behavior, theory, 3230
Polyacrylamide, amperometric, 4126
– gel, ammonium sulfate (in), 4397
– – cross–linked, electrophoretic, 1626
– polymethacrylate membrane, conductometric, 4450
Polyacrylate, conductometric, 654
– complexes, conductometric, 3459
Poly(acrylic acid), Hall effect, 5922
– ionization, 1325
– potentiometric, 1325, 1461
– transition conformational, 1461
– complexes, conductometric, 3342
– – potentiometric, 3342, 5262
– – stability, 5262
– derivatives, potentiometric, 4324
Polyalkylene derivatives, conductometric, 5568
– sulfate, conductometric (*s*), 3453
Polyamides, potentiometric, 4330
Polyamines, soybean electrophoretic, 757
Polyaminostyrene), conductometric (*s*), 3460
– potentiometric, 4333
Polyanions, (in) water, potentiometric, 3170
Poly(benzylglutamate), electrophoretic, 5702
Poly(butyl isocyanate), electrophoretic, 5702
Poly(carboxylic acids), complexes, cathodic behavior, 2109
– – conductometric, 3342
– – polarographic, 2109
– – potentiometric, 3342
– – voltammetric, 2109
Poly(carboxystyrene), potentiometric, 4333
iso–Polycomplexes, potentiometric, theory, 2844
Poly(cytidylic acid), adsorption (on) mercury dropping, cathodic behavior, polarographic, 5165
Poly(dimethylethyleneammonium) sulfate, electrodialytic, 2734
Poly(divinylbenzene), conductometric (*s*), 3460
Polyelectrolyte membrane, streaming electric tension, 946
Polyethers cyclic, complexes, conductometric, 4422
Poly(ethyl acrylate) derivatives, potentiometric, 4324
Polyethylene, electrophoretic, 753
– polyamines, metals electrodeposition inhibitors, voltammetric, 1035
– sulfo derivatives, conductometric (*s*), 3453
Poly(ethylene glycol), adsorption (on) platinum, 261
– polymerization degree, 4000
– voltammetric, 261, 4000
Poly(ethylene imine), conductometric, 654
– electrodialytic, 2734
– complexes, amperometric, 2206
– – conductometric, 3459
Poly(ethylene terephthalate), polarographic, 5160
Poly(fluorophenylphosphine) derivatives, complexes, conductometric, 3438
Polyfucose sulfate, *Stichopus japonicus*, electrophoretic, 1667
Poly(glycidylmethylacrylate) membrane, diffusion electric tension, 1480
Polyglycol ether derivatives, adsorption (on) mercury, 5832
Poly(Guluronie acid), ionization, potentiometric, synthesis, 560
Poly(hexanoic acid amide), potentiometric, 3343
Polyhydric compounds, potentiometric, 5428
Poly(hydroxymethylacrylate), electrophoretic, 2521
Polyions, transport, theory, 4885
Poly(itaconic acid) complexes, conductometric, potentiometric, 3342
Polylysine, (by) capacitance measurements, polarographic, 4085
– reaction (with) sodium dodecyl sulfate, potentiometric, 1280
Poly(maleic acid), potentiometric, 2358, 2359
Poly(mannuronic acid), ionization, potentiometric, synthesis, 560
Polymer(s), conductometric, 2895
– electrophoretic, 5702
– thermoelectric tension, 2895

Polymerases, electrophoretic, 2665, 2666, 3689, 3690, 4602
Polymerization, review, 2477
Polymethacrylate polyacrylamide membrane, conductometric, 4450
Poly(methacrylic acid), ionization, potentiometric, 560, 1325
– synthesis, 560
– complexes, conductometric, potentiometric, 3432
– piperidine, potentiometric, thermodynamics, 582
Polymethine dyes, voltammetric, 3026
Poly(methyl acrylate–glycidyl) membrane, diffusion electric tension, 1480
Poly(methyl methacrylate), conductometric, 655
Polymolybdate, ionization, polarographic, 4063
Poly(nitro compounds), electrons transfer, thermodynamics, voltammetric, 249
– aromatic, nucleophilic substitution (with) acetone, polarographic, 352
Polynucleotides, adsorption (on) mercury, 1231, 3149
– cathodic behavior, 2199
– polarographic, 1231, 2199, 3149
Poly(oxyalkylene) surfactants, polarographic, 3095
Polyoxyethylene ethers, electrophoretic, 1628
Poly(oxyethylene glycol) ethers, derivatives, ethoxylation, polarographic, 5148
Poly(oxyethylene) potassium chloride, mass transport, voltammetric, 1989
Poly(oxypropylene glycol), unsaturation, coulometric, 1614
Polypeptides, conductometric, 1397
– electrophoretic, 3615, 4601
– ionization, 5449
– potentiometric, 1397, 5449
– adenovirus, electrophoretic, 3578
– avian oncornavirus, electrophoretic, 3579
– coxsackie virus B3, electrophoretic, 3580
– elongation factors, *Escherichia coli*, electrophoretic, 3581
– polyovirus, electrophoretic, 4612
– viruses, electrophoretic, 2535, 5714
– wheat gluten, electrophoretic, 4613
Poly(pyromellitic acid imide), conductometric (*s*), 3463
Poly(sodium acrylate), electrophoretic, 3569
Polystyrene, conductometric, 655
– electrodeposition, 2857
– electrophoretic, 1627, 1628, 3571
– solvent (for) conductometry, 615
Poly(styrene sulfonate) membrane, mass transport (through), 3749
Poly(sulfanedisulfonate), electrophoretic, 3563
Polysulfides, cathodic behavior, chronopotentiometric, coulometric, 5014
– potentiometric (*l*), 418
– voltammetric, 5014 ; (*l*) 202
Poly(tetrafluoroethylene), decomposition, 890
Poly(tetrafluoroethylene), membrane, electrokinetics, 1625
Polyuretanes, potentiometric, 4330
Poly(uronic acid), ionization, potentiometric, synthesis, 560
Poly(vinyl alcohol), adsorption (on) mercury dropping, 4086, 5103, 5822
– electrodialytic, 2734
– polarographic, 4086
– complexes, conductometric, 608
– derivatives, conductometric (*s*), 3453
Poly(vinyl carbazole), dark conductance, 4456
Poly(vinyl chloride), conductometric, 655 ; (*s*) 4447
– double layer, electrokinetics, 1446
– electrophoretic, 5703
– membrane, electrical noises, 4831
– tricresyl phosphate, electrode (for) potentiometry, 4141
Poly(vinyl iminodiacetic acid) complexes, potentiometric, stability, 5275, 5294
Poly(vinyl methyl pyridinium), conductometric (*s*), 4454
Poly(vinyl phenothiazine) complexes, conductometric, 3436
Poly(vinyl pyridine oxide), electrophoretic, 4593
Poly(vinyl pyrrolidone), adsorption (on) platinum, 261
– electrodialytic, 2734
– electrophoretic, 4593
– reaction (with) fatty acids, conductometric, 662
– voltammetric, 261
– complexes, conductometric, 608
– – potentiometric, stability, 5275, 5294
Poly(vinyl sulfate), conductometric, 654
Poly(vinyl toluene), electrophoretic, 3571
Poly(xylene sulfone), electrosynthesis, 5638
Porphyrin derivatives membranes, photoelectric tension, 1862
– – cathodic behavior, polarographic, 3143
– – complexes, cathodic behavior, polarographic, 3050, 3143
Post–globulin, serum, electrophoretic, 3648
Potassium (I), activity, 3, 50, 2233, 3171
– – adsorption (on) hematite, 2689, 5402
– – – – mercury, 795, 3717
– – – – platinum, 1744
– – amperometric, 382, 1244, 3886, 4113, 4114
– (in) biological samples, coulometric, 4558
– – cat cortex, activity, 3185
– – – – potentiometric, 3184, 3185
– – – muscle venous blood, potentiometric, 1291
– (I) cathodic behavior, 2099, 3036, 3919
– – conductometric, 50, 594, 1488, 1509, 4388 ; (*l*) 3406
– (in) corn tissue, potentiometric, 2240
– (I) electrode (in) biology, 104
– – – selective, 103, 423, 1286, 1287, 1289, 3182, 3183, 4157, 5234

Potassium (I), electrode selective interference, 5292
– – – – resistance, 5234
– – – S.E.T., thermodynamics, 1270
– – electromigration (*l*), 4379
– – electrophoretic, 4584; (*l*) 1615
– (in) food, amperometric, 4113, 4114
– – frog heart, potentiometric, 2244
– (I), galvanostatic, 4957
– (in) glass, electromigration, 4473
– – human blood, potentiometric, 4160
– (I), mobility, 594, 742, 1509, 4762; (*l*) 3389, 3390, 3406
– (in) plants, amperometric, 3886, 4114
– (I), polarographic, 2099, 3036, 4957
– – potentiometric, 103, 104, 419, 1287, 1288, 1289, 2233, 2240, 2243
– (in) Ranvier node, conductometric, 1510
– (I), reaction (with) benzene nitro–, polarographic, 2097
– (in) sea water, potentiometric, 1288
– – serum, potentiometric, 104
– – skeletal muscle, distribution, potentiometric, 3186
– (I), solvation, 1488
– stripping, 4957
– (in) tissues, potentiometric, 1281, 2240
– (I), transport, 4957
– – – number, 594, 3403, 4383, 4388; (*l*) 3173, 3340
– (in) vegetables, potentiometric, 4159
– (I), voltammetric, 2922, 3919, 3920, 4957
– – Walden product, 5485
– acetate, amperometric, 381, 393
– – conductometric (*l*), 3401, 4387
– – coulometric, 381
– – oscillometric, 856
– – potentiometric, 393, 3336
– – sodium acetate, conductometric (*l*), 3401
– – – – solvent (for) chronopotentiometry, voltammetry (*l*), 122
– allylxanthate, amperometric, 2205
– antimony, potentiometric, thermodynamics (*l*), 424
– – (III) sulfide, conductometric (*s*), 5496
– benzene sulfonate, conductometric (*l*), 4387
– benzoquinone sulfonate, cathodic behavior, polarographic, 2177
– bromide, activity, 2236
– – association, conductometric, 3388, 3398
– – electroosmotic, 4763
– – junction electric tension, phase distribution, 425
– – potentiometric, 2236
– – aluminum bromide, solvent (for) voltammetry (*l*), 2026
– – cadmium bromide, conductometric (*l*), 3407
– – calcium bromide, conductometric (*l*), 3407
– – – chloride, conductometric (*l*), 3407
– – indium (III) bromide, conductometric (*l*), 5484
Potassium bromide lithium bromide, conductometric (*l*), 4379
– – potassium iodide sodium chloride, conductometric, 5490
– – silver chloride, diffusion electric tension (*l*), 3180
– – sodium bromide, potentiometric, thermodynamics, 420
– carbonate, conductometric, 3894
– – lithium carbonate, conductometric (*l*), 1499
– – sodium carbonate, conductometric (*l*), 1499
– chloride, activity, 2236, 3182, 5236
– – association, 601, 3388
– – conductometric, 596, 601, 604, 1503, 2396, 2400, 2406, 2408, 3388, 3408, 4389, 4390, 4875, 5498; (*l*) 2397, 3393, 3394; (*s*) 4381
– – electrolytic, 5583; (*l*) 3393
– – electroosmotic, 1789, 4763
– – equivalent noise conductance, 4875
– – Hall effect, 5922
– – junction electric tension, phase distribution, 425
– – potentiometric, 2234, 3171, 4164, 5227, 5228, 5236
– – purification, 91
– – solvation, 2396
– – solvent (for) chronopotentiometry (*l*), 417, 3753, 4750
– – – – potentiometry (*l*), 417, 4287
– – standard (for) conductometry, 4390
– – stripping, 91
– – thermodynamics, 5227, 5228
– – transport, 5228
– – – heat, 3171, 4164
– – – numbers, 2406, 3761, 4375
– – aluminum chloride, potentiometric (*l*), 5241
– – – – sodium chloride, solvent (for) potentiometry (*l*), 4223
– – – – zinc (II) chloride, potentiometric (*l*), 5241
– – barium chloride, potentiometric (*l*), 3175
– – cadmium bromide, conductometric (*l*), 3407
– – – chloride, conductometric (*l*), 3407
– – calcium bromide, conductometric (*l*), 3407
– – – chloride, conductometric (*l*), 3407
– – cerium (III) chloride, potentiometric, 3175; (*l*) 4148
– – – – – thermodynamics (*l*), 4148
– – hydrochloric acid, junction electric tension, 414
– – lanthanum chloride, potentiometric, thermodynamics (*l*), 4154
– – lead (II) chloride, conductometric (*l*), 5242
– – – – – electrolytic (*l*), 3475
– – – – – potentiometric, thermodynamics (*l*), 5242

Potassium chloride lead (II) chloride, lithium chloride, potentiometric, thermodynamics (*l*), 5242
– – lithium chloride, conductometric (*l*), 1500, 4378
– – – – electromigration, 3842
– – – – junction electric tension, 414
– – – – potentiometric (*l*), 1272
– – – – solvent (for) chronoamperometry (*l*), 3232, 4748
– – – – – – chronopotentiometry (*l*), 227, 417, 1098, 1786, 2933, 4757, 5010
– – – – – – coulometry (*l*), 1098
– – – – – – electrochemistry (*l*), 3773
– – – – – – electrolysis (*l*), 692, 2933, 3966, 4506
– – – – – – galvanostatic measurements (*l*), 4757
– – – – – – impedance measurements (*l*), 2933, 4999
– – – – – – potentiometry (*l*), 417, 522, 550, 1098, 1283, 1394, 2281, 2345, 3232, 3239, 4271, 5230, 5395
– – – – – – potentiostatic measurements (*l*), 3778
– – – – – – voltammetry (*l*), 202, 227, 1045, 1098, 2923, 2933, 2936, 2942, 3966, 4856, 4999, 5010
– – – – thermodynamics (*l*), 1272
– – – – voltammetric (*l*), 4378
– – magnesium chloride, conductometric (*l*), 2398
– – – – potentiometric (*l*), 3175
– – polyoxyethylene, mass transport, voltammetric, 1989
– – silver bromide, diffusion electric tension (*l*), 3180
– – – chloride, diffusion electric tension (*l*), 3180
– – – – solvent (for) galvanostatic measurements (*l*), 3723, 4722
– – sodium chloride, junction electric tension 414
– – – – solvent (for) electrolysis (*l*), 4493
– – – – – – potentiometry (*l*), 1402, 3240, 3295, 4166
– – – – – – voltammetry (*l*), 163
– – strontium chloride, potentiometric (*l*), 3175, 3176
– – thorium chloride, conductometric (*l*), 611
– chloiridate (III) complexes, polarographic, 4076
– chromate, conductometric (*s*), 609
– citrate, oscillometric, 856
– – potentiometric, 3336
– (I), complexes, association, 3402
– – – conductometric, 1503, 3395, 3402, 5489
– – – polarographic, 2100
– – – potentiometric, 422, 5240
– – – thermodynamics, 5240
– dichromate, conductometric (*s*), 610
– – electrolytic, electromigration, 672
– – reaction (with) hydrazine phenyl–, 5437
Potassium dihydrogen phosphate, potentiometric, 3336
– diphenylacetate, anodic behavior, electrolytic, voltammetric, 3921
– ethyl xanthate, potentiometric, 4158
– – – voltammetric, 3922
– fluoride, conductometric (*l*), 4377
– – barium fluoride, conductometric (*s*), 3405
– – lithium fluoride, solvent (for) electrolysis (*l*), 2457
– – – – sodium fluoride, solvent (for) chronoamperometry (*l*), 187
– – – – – – – – chronopotentiometry (*l*), 187, 5405
– – – – – – – – potentiometry (*l*), 187, 2342, 5405
– – – – – – – – voltammetry (*l*), 187, 5405
– – potassium fluotitanate sodium chloride, solvent (for) electrolysis (*l*), 5611
– hexafluorophosphate, solvent (for) capacitance measurements, electrocapillarity measurements (*l*), 814
– hydrogen carbonate, potentiometric *in vivo*, 5225
– – fluoride, impedance (*s*), 4771
– – oxalate, potentiometric, 3336
– – phosphate, potentiometric, 3336
– – phthalate buffer, 4137
– – – coulometric, 3533
– – – oscillometric, 856
– – – potentiometric, 3336
– – sulfate, ionization, 3188
– – – sodium hydrogen sulfate, solvent (for) voltammetry (*l*), 2988
– – tartrate, oscillometric, 856
– hydroxide, electrolytic, 940
– – polarographic, 5084
– – potentiometric, 3187
– – sodium hydroxide, solvent (for) chronopotentiometry (*l*), 4749
– iodide, conductometric, 4374 ; (*s*) 4381
– indium, potentiometric, thermodynamics (*l*), 1285
– iodate, cathodic behavior, 2747
– iodide, association, 3388
– – conductometric, 597, 605, 3388, 5493
– – ionization, 5493
– – junction electric tension, phase distribution, 425
– – solvent (for) conductometry (*l*), 640
– – thermodynamics, 5493
– – Walden product, 605
– – copper (I) iodide, potentiometric, thermocell, thermodynamics (*l*), 3181
– – potassium bromide sodium chloride conductometric, 5490
– – silver iodide, potentiometric, thermocell, thermodynamics (*l*), 3181
– metaphosphate, conductometric (*l*), 602
– methoxide, association, conductometric, 1498
– nitrate, association, 1502
– – conductometric, 1502, 3385

Potassium nitrate, electrolytic, 1555
– – solvent (for) impedance measurements (*l*), 2740
– – – – potentiometry (*l*), 447, 4192
– – – – voltammetry (*l*), 1994
– – transport numbers (*l*), 3389
– – calcium nitrate, solvent (for) chronopotentiometry (*l*), 5863
– – – – – – potentiometry (*l*), 5302
– – lithium nitrate, solvent (for) potentiometry (*l*), 4193
– – – – – – voltammetry (*l*), 152
– – – – sodium nitrate, solvent (for) capacitance measurements (*l*), 4512
– – – – – – – – electrochemistry (*l*), 5902
– – – – – – – – electrolysis (*l*), 4512
– – silver nitrate, conductometric (*l*), 3390
– – – – chronopotentiometric (*l*), 3750
– – sodium nitrate, potentiometric (*l*), 2242
– – – – solvent (for) chronopotentiometry (*l*), 4986
– – – – – – electrolysis (*l*), 4488
– – – – – – potentiometry (*l*), 447, 450
– – – – – – voltammetry (*l*), 3948, 4977, 4986
– nitridoosmate (VIII), cathodic behavior, polarographic, 1129
– nitrite sodium nitrite, solvent (for) voltammetry (*l*), 3949
– oxalate, potentiometric, 3336
– oxide silicon oxide glasses, impedance, 1795
– perchlorate, conductometric, 596, 2396, 3385, 3843, 4374, 4391
– – polarographic, 4017
– – solvation, 2396
– – thermodynamics, 3843
– – voltammetric, 4017
– permanganate, reaction (with) benzaldehyde nitro–, potentiometric, 5441
– peroxydisulfate, conductometric, 2399
– perrhenate, conductometric, thermodynamis, 3843
– picrate, conductometric, 3385
– polyacrylate, electrophoretic, 5686
– polymethacrylate, electrophoretic, 5686
– polysulfides, conductometric (*l*), 607
– pyrosulfate potassium sulfate, solvent (for) amperometry, potentiometry (*l*), 390
– silicate, conductometric, 5497
– sodium, potentiometric, thermodynamics (*l*), 5232
– – tartrate, oscillometric, 856
– sulfate, conductometric (*l*) (*s*), 5481
– – electrolytic, 1555
– – lithium sulfate, solvent (for) chronopotentiometry (*l*), 825
– – – – sodium sulfate, conductometric (*l*), 3391
– – potassium pyrosulfate, solvent (for) amperometry, potentiometry (*l*), 390
– superphosphate, potentiometric, 1290
– tartrate, potentiometric, 3336
– tetracyanoplatinate (IV), conductometric (*s*), 4392
Potassium tetraoxalate, buffer, 4137, 5229
– tetraphenyl borate, conductometric, 1503
– thiocyanate, adsorption (on) mercury, 1337
– – association, 3388
– – conductometric, 3385, 3388, 4374, 4388, 5487; (*l*) 2407
– – polarographic, solubility, 5487
– – solvent (for) voltammetry (*l*), 202
– – sodium thiocyanate, solvent (for) voltammetry (*l*), 151
– tungstate calcium (II) nitrate hydrogen peroxide, conductometric, potentiometric, 4145
Potential sweep, theory, 16
Potentiodynamic curves, theory, 80
Potentiometry (in) acetamide dimethyl–, 416, 2282, 2350
– – acetic acid, 504, 572, 1347, 1399, 1415, 1430, 1452, 1453, 1454, 2371, 3351, 4350, 5429, 5441
– – – anhydride, 3351, 4350
– – acetone, 446, 504, 514, 555, 577, 583, 1315, 1329, 1439, 1444, 1447, 1460, 2261, 2308, 2318, 2325, 3227, 3248, 3300, 3332, 3338, 3349, 4225, 4332, 4344, 5219, 5273, 5311, 5384, 5440
– – acetonitrile, 576, 1170, 1456, 1459, 2061, 2232, 2351, 2370, 3225, 3351, 3917, 4142, 4158, 4281, 4312, 4315, 5217, 5278, 5334
– – acrylonitrile, 2370
– – alkali metal carbonate (*l*), 4191
– – – – chloride (*l*), 3310, 4191, 4257, 5305
– – – – chloroaluminate (*l*), 475
– – – – nitrate (*l*), 2293, 4191
– – – – nitrite, (in) alkali metal sulfate (*l*), 4191
– – aluminum chloride potassium chloride sodium chloride (*l*), 4223
– – – – sodium chloride (*l*), 448, 2273, 3925, 4293
– – – oxide cryolite (*l*), 4223, 4285
– – ammonia (*l*), 2248
– – ammonium nitrate (*l*), 5301
– – – ethyl– bromide (*l*), 5281
– – – – chloride (*l*), 5281
– – – – iodide (*l*), 5281
– – anisol, 5410
– – barium nitrate sodium nitrate (*l*), 3226
– – benzene, 538, 575, 583, 2230, 3334, 3349, 5410, 5427
– – – nitro–, 425
– – beryllium chloride sodium chloride (*l*), 4974
– – – fluoride lithium fluoride zirconium fluoride (*l*), 189, 5405
– – butanol, 583, 1339, 1458, 2356
– – *iso*–butanol, 504, 505
– – *tert*–butanol, 2318, 3978, 5228, 5279
– – butanoic acid, 1430
– – butanone, 504, 2306, 3339, 4316
– – *iso*–butylmethyl ketone, 4316
– – calcium nitrate (*l*), 4192
– – – – potassium nitrate (*l*), 5302

Potentiometry (in) calcium nitrate sodium nitrate (*l*), 5302
– – cellosolve methyl–, 2356
– computerization, 1903, 1904, 1905, 2836, 3836
– (in) cryolite (*l*), 473, 4223
– – – aluminum oxide (*l*), 4223, 4285
– differential, instrumentation, 926
– – technique, 400, 926, 927, 928, 3321
– – theory, 926, 927, 928
– (in) dimethylsulfone, 2922
– – dimethylsulfoxide, 504, 575, 1313, 1316, 1364, 2061, 2246, 2258, 2331, 2350, 2368, 3225, 3336, 3337, 3343, 4136, 4137, 4313, 5229, 5253, 5382, 5383
– – dioxane, 412, 523, 581, 583, 1409, 1447, 1473, 2257, 2259, 2268, 2289, 3201, 3202, 3325, 3332, 3333, 3357, 3693, 4139, 4180, 4181, 4184, 4288, 4344, 5260, 5271, 5273, 5274, 5377
– errors, 2836
– (in) ethanol, 446, 504, 534, 545, 576, 579, 580, 1149, 1194, 1314, 1315, 1339, 1349, 1398, 1447, 1471, 2061, 2261, 2278, 2318, 2325, 2356, 3203, 3227, 3275, 3328, 3332, 3917, 4179, 4218, 4281, 4332, 4341, 4344, 5263, 5278, 5279, 5284, 5323, 5410, 5423, 5425, 5427, 5430, 5440
– – – ethoxy–, 5273
– – ethylene diamine, 2349, 3832
– – – glycol, 504, 533, 1449, 2336, 2356, 4142, 4344
– – formamide, 582, 1312, 2352
– – – dimethyl–, 446, 577, 584, 1194, 1275, 1456, 2061, 2266, 2325, 2364, 3225, 3349, 4142, 4311, 4330, 4332, 5286, 5319, 5439, 5440
– – formic acid, 1430
– – furan tetrahydro–, 1263, 3008, 4956
– – glucose, 1263
– – glycerol, 530, 1093, 1263, 2229, 4344
– Gran plot errors, 484
– (in) heavy water, 2234, 4153, 4164, 5227, 5432
– – hexane, 3349
– – hexanone, 4316
– – indium (I) chloride sodium chloride zinc chloride (*l*), 3268
– instrumentation, 101, 102, 572, 990, 991, 992, 993, 994, 995, 2886, 2887, 2888, 2889, 3837, 3886, 3887, 3888, 3905, 4912, 4914, 4918
– (in) lead, (in) lead (II) oxide silicon oxide (*l*), 5353
– linear regression, 1904
– (in) lithium chloride (*l*), 417
– – – – potassium chloride (*l*), 417, 522, 550, 1098, 1283, 1394, 2281, 2345, 3232, 3239, 4271, 5239, 5395
– – – fluoride beryllium fluoride zirconium fluoride (*l*), 189, 5405
– – – – potassium fluoride sodium fluoride (*l*), 187, 2342, 5405
– – – nitrate potassium nitrate (*l*), 4193

Potentiometry (in) magnesium chloride (*l*), 3276
– – – nitrate (*l*), 4192
– – methane nitro–, 570, 583, 3331, 3351
– – – tetrachloro–, 3330, 3349, 5427
– – – trichloro–, 1419, 3349
– – methanol, 426, 443, 446, 504, 545, 574, 578, 583, 1263, 1312, 1314, 1339, 1398, 1435, 1456, 1457, 1468, 2232, 2276, 2318, 2325, 2350, 2352, 2356, 3189, 3225, 3244, 4155, 4173, 4213, 4256, 4281, 4301, 4314, 4332, 4337, 4344, 5426, 5440, 5444
– multiparametric curve fitting, 4318, 4319
– (in) pentanedione, 3261
– – pentanol, 1339, 1408
– – *iso*–pentanol, 504, 5355
– polynomial regression, 1905
– (in) potassium chloride (*l*), 417, 4287
– – – – aluminum chloride sodium chloride (*l*), 4223
– – – – lithium chloride (*l*), 417, 522, 550, 1098, 1283, 1394, 2281, 2345, 3232, 3239, 4271, 5230, 5395
– – – – sodium chloride (*l*), 1402, 3240, 3295, 4166
– – – fluoride lithium fluoride sodium fluoride (*l*), 187, 2342, 5405
– – – nitrate (*l*), 447, 4192
– – – – calcium nitrate (*l*), 5302
– – – – lithium nitrate (*l*), 4193
– – – – sodium nitrate (*l*), 447, 450
– – – pyrosulfate potassium sulfate (*l*), 390
– – propanediol, 1263
– – propanol, 399, 583, 1315, 1339, 1398, 1458, 2261, 2325, 3227
– – *iso*–propanol, 408, 446, 2223, 2318, 2325, 2356, 3248, 3978, 4281, 4324, 4344, 5286, 5311
– – *n*–propanol, 446, 3978
– – propionic acid, 1430
– – propionitrile, 4190
– – propylene carbonate, 1270
– – pyridine, 1450, 2230, 4317
– – pyrrolidinone methyl–, 583, 1472, 5426
– – pyrrolidone, 1472
– review, 4131, 5209
– (in) silicon oxide lead (II) oxide (*l*), 5353
– – sodium bromoaluminate (*l*), 474, 475
– – – chloride (*l*), 3272
– – – – aluminum chloride (*l*), 448, 2273, 3925, 4293
– – – – – – potassium chloride (*l*), 4223
– – – – beryllium chloride (*l*), 4974
– – – – indium (I) chloride zinc (II) chloride (*l*), 3268
– – – – potassium chloride (*l*), 1402, 3240, 3295, 4166
– – – chloroaluminate (*l*), 474, 475, 4223
– – – fluoride lithium fluoride potassium fluoride (*l*), 187, 2342, 5405
– – – metaphosphate (*l*), 5399
– – – nitrate (*l*), 447
– – – – barium nitrate (*l*), 3226
– – – – calcium nitrate (*l*), 5302

Potentiometry (in) sodium nitrate potassium nitrate (*l*), 447, 450
– – – tetrafluoborate (*l*), 186
– – sucrose, 1263
– – sulfolane, 405, 3169
– – sulfur (IV) oxide (*l*), 4190
– technique, 400, 525, 924, 1902, 4279, 5235
– (in) tetramethylphosphoramide, 2070
– theory, 41, 42, 43, 484, 914, 923, 924, 925, 1900, 1902, 1904, 1905, 2834, 2844, 2845, 3830, 3833, 3835, 3837, 4318, 4319, 4864, 5332
– (in) toluene, 4330
– – tributylphosphate, 438, 5299
– – triethanolamine, 1326
– – zinc (II) chloride indium (I) chloride sodium chloride (*l*), 3268
– – zirconium fluoride beryllium fluoride lithium fluoride (*l*), 187, 5405
Potentiostat(s), 975, 976, 1967, 4903
– computerization, 2788
– differential, 1015
– instrumentation, review, 1878
– ohmic drop compensation, 2872
– solid state, 1959
– theory, review, 1878
Potentiostatic measurements, instrumentation, 982
– – (in) lithium chloride potassium chloride (*l*), 3778, 4757
– – – sodium tetraborate (*l*), 1794
Praseodymium (III), amperometric, 388
– – complexes, amperometric, 387
– – – conductometric, 481, 3428, 5523, 5525
– – – formation, 5322, 5326
– – – potentiometric, 479, 481, 1348, 2287, 2289, 4235, 4237, 4238, 4239, 4244, 5322, 5323, 5325, 5326
– – – stability, 479, 1348, 2287, 2289, 4238, 4239, 4244, 5323, 5325
– – – thermodynamics, 4237, 4239, 4244, 5322, 5326
– – oxide irradiated, conductometric (*s*), 5522
Prazepam, cathodic behavior, polarographic, 379
Prealbumins, owine serum, electrophoretic, 5773
Precipitation reactions, potentiometric, 1443
Prekallikrein activators, human plasma, electrophoretic, 3710
Prekeratin, cow, electrophoretic, 3649
iso–Prenaline, (in) blood, voltammetric, 5077
– ionization, potentiometric, protolysis, 2367
Prephenol oxidase, *Bombix mori*, electrophoretic, 3676
Prilocaine, voltammetric, 173
Probenecid, electrophoretic, 5705
Procaine, coulometric, 4574
– electrophoretic, 4606
– potentiometric, 1476, 4574
– hydrochloride, potentiometric, 3337
Prolactin, electrophoretic, 2627
Proline, *see also* Pyrrolidine carboxylic acid
Proline, desalting, electrophoretic, 753bis
– serum, urine, electrophoretic, 3577
– complexes, potentiometric, 441, 442, 3247, 5419
– – stability, 441, 3247
– – thermodynamics, 442
– glycyl–, complexes, potentiometric, thermodynamics, 1302
– hydroxy–, serum, urine, electrophoretic, 3577
– – complexes, cathodic behavior, polarographic, 2112
– – – potentiometric, 442
– – – stability, 2112
– – – thermodynamics, 442
Prolylcarboxypeptidase, electrophoretic, 1694
Promedol, ionization, potentiometric, 3361
Promeran, coulometric, 2510
Promethazine, (in) blood, voltammetric, 5077
Promethium (III) complexes, electrophoretic, stability, 750
Propanamide, *see* Propionamide
Propane, adsorption (on) platinum, 2697
– anodic behavior, 1742
– amino–, *see also* Propylamine
– bromo–, cathodic behavior, polarographic, 4080
– chlorodibromo–, polarographic, 3104
– diamine, *see also* Propane diamino–, *see also* Trimethylene diamine
– – solvent (for) voltammetry, 215
– – derivatives, complexes, formation, 439
– – – – potentiometric, 439, 4174
– – – – stability, 439
– – – – thermodynamics, 4174
– – hydroxy–, complexes, cathodic behavior, polarographic, stability, 1135
– diamino–, complexes, polarographic, 1182
– – – potentiometric, 4217
– – – stability, 1182
– – substituted, complexes, macrocyclic, conductometric, 5557
– dibromo–, cathodic behavior, 702
– dibromodiphenyl–, dibromotetraphenyl–, cathodic behavior, electrolytic, 4546
– hydroxyphenyl–, ionization, potentiometric, 3328
– iodo–, cathodic behavior, electrolytic, 3510, 4535
– methylnitro–, *see iso*–Butane nitro–
– nitro–, electrolytic, voltammetric, 2069
– tricarboxylic acid, ionization, potentiometric, thermodynamics, 1463, 4320
Propanediol, *see also* Propylene glycol
– ionization, potentiometric, 1263
– solvent (for) polarography, 5134
– – – potentiometry, 1263
– carbonate, solvent (for) conductometry, 3387
– – – – polarography, 3036
– – – – voltammetry, 3094
Propanedione diphenyl–, thiodiphenyl–, complexes, potentiometric, stability, 4288

Propanoic acid, *see* Propionic acid
– – hydroxy–, *see also* Lactic acid
n–Propanol, adsorption (on) platinum, 810
– – – tin, 3729
Propanol, anodic behavior, 236, 237, 238, 4337
iso–Propanol, anodic behavior, 3512, 3775
– cathodic behavior, 3512
Propanol, electrolytic, 4537
iso–Propanol, ionization, 1263
n–Propanol, ionization, 1263
iso–Propanol, mobility (in), 744
– potentiometric, 1263
n–Propanol, potentiometric, 1263
iso–Propanol, solvent (for) amperometry, 5203
Propanol, solvent (for) conductometry, 1495, 1496, 2411, 5493
iso–Propanol, solvent (for) conductometry, 642, 2403, 2411, 3402
n–Propanol, solvent (for) conductometry, 642, 2393
Propanol, solvent (for) electrolysis, 708, 712, 1600
iso–Propanol, solvent (for) electrolysis, 704
Propanol, solvent (for) polarography, 4086, 5134
– – – potentiometry, 399, 583, 1315, 1339, 1398, 1458, 2261, 2325, 3227
iso–Propanol, solvent (for) potentiometry, 408, 446, 2223, 2318, 2325, 2356, 3248, 3978, 4281, 4324, 4344, 5286, 5311
n–Propanol, solvent (for) potentiometry, 446, 3978
Propanol, solvent (for) voltammetry, 3923
iso–Propanol, solvent (for) voltammetry, 3978
n–Propanol, solvent (for) voltammetry, 3978
Propanol, voltammetric, 236, 237, 238
iso–Propanol aluminum oxide, electroosmotic, 4764
Propanol diamino– derivatives, complexes, cathodic behavior, polarographic, stability, 1135
– hexafluoro–, adsorption (on) mercury, 4729
– methyl–, ionization, potentiometric, 1263
Propanone oxime complexes, potentiometric, stability, 1437
Propargol, cathodic behavior, electrolytic, hydrogenation, 3513
Propargyl acrylate, polarographic, polymerization, 2169
– methacrylate, polarographic, polymerization 2169
Propazine, (in) soil, conductometric, 5569
Propene dicyanomethyl–, cathodic behavior, electrolytic, 705
– nitrile derivatives, cathodic behavior, polarographic, 2158
Propionaldehyde, adsorption (on) platinum, theory, 2858
– cathodic behavior, 1190
– electrolytic, 706, 4540
– hydration, polarographic, 1190
Propionaldehyde hydrazone, formation, polarographic, 1193
– phenyl–, cathodic behavior, 1190, 1191
– – enolization, 1191
– – hydration, 1190
– – polarographic, 1190, 1191
Propionamide, *see also* Alaninamide
Propionate, adsorption (on) platinum, 4711
– chloro– complexes, potentiometric, stability, thermodynamics, 4289
– hydroxy– complexes, potentiometric, stability, 463
– methyl mercapto–, polarographic, 2166
Propionic acid, acidity, 2356
– – adsorption (on) bismuth (*l*), 4732
– – – – mercury dropping, 5835
– – – – platinum, 810
– – conductometric, 2401, 3455
– – dimerization. 3455
– – fluorosulfonation, 3999
– – ionization, 240, 1454, 4256
– – potentiometric, 1454, 2356, 4256
– – reaction (with) pyridine derivatives, conductometric, 3456
– – solvent (for) conductometry, potentiometry, 1430
– – thermodynamics, 1454
– – voltammetric, 240
– – chloro–, complexes, potentiometric, stability, 1299
– – chlorotetrafluoro– fluoroanhydride, electrosynthesis, 1596
– – (chlorophenoxy) methyl–, reaction (with) albumin, voltammetric, 4016
– – complexes, cathodic behavior, polarographic, 4075
– – – potentiometric, stability, 4256
– – hydroxy–, complexes, polarographic, stability, 287
– – mercapto–, potentiometric, 5429
– – – complexes, potentiometric, 3303
– – phosphorylated, ionization, potentiometric, 5431
– – substituted, complexes, cathodic behavior, polarographic, voltammetric, 2109
– – thio–, adsorption (on) copper, 3479
Propionitrile, conductometric, polymerization, 599
– potentiometric, 3331
– solvent (for) coulometry, 245
– – – potentiometry, 4190
– – – voltammetry, 245
– acetamide derivatives, anodic behavior, electrolytic, 4545
– complexes, potentiometric, stability, 4190
– derivatives, adsorption (on) mercury, 2965
– iodo–, cathodic behavior, electrolytic, 5607
Propiophenone hydroxy–, conductometric, 663
Propyl amine, *see also* Propane amino–
– – anodic behavior, electrolytic, 5054
– – potentiometric, 3331
– – voltammetric, 5054
– ether, complexes, conductometric, 1533

Propyl halide, *see* Propane halo–
– maleate, potentiometric, 4311
Propylene, bromination, 3500, 4534
– voltammetric, 3500
– amine, reaction (with) benzyl thiocyanate, potentiometric, 4313
– carbonate, acidity (in), 1987
– – decomposition, 1840
– – solvent (for) batteries, 1840, 1841, 1842
– – – – conductometry, 1987, 4374, 5487
– – – – electrochemistry, 671, 2765, 3919
– – – – electrolysis, 1576
– – – – fuel cells, 5935
– – – – polarography, 272, 1029, 2100, 2203, 3144, 3944, 5487
– – – – potentiometry, 1270
– – – – voltammetry, 1029, 1987, 2935, 3941, 3944, 5019
– diamine, complexes, potentiometric, stability, 1434, 2340, 4306, 5259
– – derivatives, complexes, potentiometric, stability, 4240
– glycol, *see also* Propanediol
– – solvent (for) polarography, 5134
– – dithiophosphoric acid, ionization, potentiometric, 5410
– – – – complexes, potentiometric, stability, 5410
Prostatic acid phosphatase, human semen, electrophoretic, 4688
Protactinium isotopes, separation, electrophoretic, 3559
– redox behavior, theory, 3230
Proteases, electrophoretic, 1720, 3691, 4649, 4693
– *Actinomyces fradiae*, electrophoretic, 3691
– human granulocytes, electrophoretic, 4693
– recluse spider venom, electrophoretic, 4649
– *Staphylococcus aureus*, electrophoretic, 1720
Proteins, amperometric, 4130
– conductometric, 1910
– diffusion, 2904
– electrophoretic, 114, 1636, 1637, 1962, 1963, 2539, 2540, 2541, 2624, 2904, 3584, 3585, 3587, 4601, 4616, 4617, 4618, 4649, 5710, 5717
– – review, 1634, 3582, 3583, 4614, 4615
– hydration, 1910
– inhibitors (in) polarography, 1202
– iodination, 2497
– polarographic, 1202, 3147
– algae, electrophoretic, 4677
– amino acids binding, *Escherichia coli*, electrophoretic, 116
– *Anguidae*, serum, electrophoretic, 5748
– animal, electrophoretic, 5719
– – viruses, electrophoretic, 2589
– apical membranes, electrophoretic, 2543
– apple, electrophoretic, 2542
– *Arachis hypogaea*, electrophoretic, 3588
– ascitic hepatoma, electrophoretic, 2573
– avian mycoplasma, electrophoretic, 3589
– *Azobacter*, electrophoretic, 1640
– *Bacillus subtilis*, electrophoretic, 1641
Proteins, bacteria, electrophoretic, 764, 2544
– bacteriophage TL–2, electrophoretic, 2545
– basolateral membranes, electrophoretic, 2543
– *Betula populifolia*, electrophoretic, 1642
– blood, nitrogen (in), 4260
– – serum, electrophoretic, 3592
– *Bombix mori*, electrophoretic, 4619
– bovine lens, electrophoretic, 2557
– – papilla, electrophoretic, 2561
– – ratina photoreceptors, electrophoretic, 3606
– – rod outer segment membrane, electrophoretic, 5745
– – semen, electrophoretic, 5747
– brain cells, electrophoretic, 763
– bread, electrophoretic, 2546
– brome mosaic virus–infected barley, electrophoretic, 3619
– calcium–binding, human serum, electrophoretic, 2579
– canine distemper viruses, electrophoretic, 5755
– cerebrospinal fluid, electrophoretic, 764, 5721
– chicken cells, electrophoretic, 2547
– chromatin, electrophoretic, 3366, 5722
– chromosomal, electrophoretic, 4620, 4621
– *Coffea*, electrophoretic, 2549, 3594
– *Columba palumbus* plasma, egg white, electrophoretic, 2552
– – *livia* egg white, plasma, electrophoretic, 2552
– cotton, electrophoretic, 2550, 5723
– cow milk serum, electrophoretic, 2578
– *Ctenochaetus striatus* serum, electrophoretic, 2581
– *Cucurbitaceae* seed, electrophoretic, 1643
– *Culex pipiens*, electrophoretic, 3595
– *Dictyostelium discoideum*, electrophoretic, 5724
– dog plasma, electrophoretic, 1655, 5736, 5737
– – serum, electrophoretic, 5736
– *Drosophila melanogaster* ribosomes, electrophoretic, 1644
– egg, electrophoretic, 1645, 2551
– erythrocyte ghosts, electrophoretic, 5725
– *Escherichia coli*, electrophoretic, 3596, 3704
– fowlpox virus, electrophoretic, 2590
– frog serum, electrophoretic, 766
– fruits, electrophoretic, 1647
– galliformes serum, electrophoretic, 1648
– gluten, electrophoretic, 5728
– grape clusters, electrophoretic, 1649
– guinea pig, electrophoretic, 2554, 4642
– gurza venom, electrophoretic, 3597
– hamster cells, electrophoretic, 2547
– He–La cell mitochondria, electrophoretic, 2555
– hemolymph, *Porcello laevis Latreille*, electrophoretic, 3612
– – *Formica*, electrophoretic, 2556
– human, electrophoretic, 1639

Proteins, human, blood serum, electrophoretic, 2595
– – brain, electrophoresis, 3593
– – erythrocytes, electrophoretic, iodination, 5726
– – intestine, electrophoretic, 5729
– – milk, electrophoretic, 3602
– – semen, electrophoretic, 4636
– – serum, electrophoretic, 1007, 3617, 3618, 4639, 4641, 4643
– – skin, electrophoretic, 5711
– *Lacertidae* serum, electrophoretic, 5748
– lactate dehydrogenase virus, electrophoretic, 4650
– liver microsomes, electrophoretic, 3599
– macaroni wheat, electrophoretic, 5730
– measles, electrophoretic, 5755
– meat, electrophoretic, 1650, 2551, 2558
– milk, electrophoretic, 1650, 2551
– mitochondrial, electrophoretic, 2559
– – respiratory chain, electrophoretic, 4622
– mollusk spermatozoa, electrophoretic, 4644
– muscle, electrophoretic, 4624, 5732
– *Mycoplasma*, electrophoretic, 1651, 2560
– myelin, electrophoretic, 2622
– myosin, electrophoretic, 4625
– *Neurospora*, electrophoretic, 3603
– neutrophil leukocytes, electrophoretic, 3598
– nonhistone mercury–binding, electrophoretic, 1635
– – nuclear, rat, electrophoretic, 4632
– nuclear, Novikoff hepatoma, electrophoretic, 1653
– – rat liver, electrophoretic, 1653
– pea, electrophoretic, 1654, 2548
– peanut, electrophoretic, 3604, 3605
– *Peptococcus glycinophilus*, electrophoretic, 4626
– *Periplaneta americana*, electrophoretic, 2562
– photosystem I, potentiometric, 5450
– plants, electrophoretic, 2563, 5719
– plasma, electrophoretic, 3608, 5733
– *Pleurodeles Waltlii Michahelles*, electrophoretic, 2568
– porcine pancreatic inhibitor, electrophoretic, 4629
– potato, electrophoretic, 3613, 4630
– pregnancy zone, electrophoretic, 2569
– rabbit brain, electrophoretic, 1657
– – liver, electrophoretic, 2572
– – meat, polarographic, 2196
– – pulmonary washings, electrophoretic, 3614
– – sarcolemma, electrophoretic, 1658
– – urine, electrophoretic, 2587
– rape seed, electrophoretic, 5738
– rat brain, electrophoretic, 5740
– – epididymis, electrophoretic, 1659
– – liver, electrophoretic, 2571, 2572, 2573, 3600, 3601, 5740, 5741
– – nerves, electrophoretic, 1660
– – ribosomes, electrophoretic, 1661
Proteins, rat seminiferous tubules, electrophoretic, 5743
– – serum, electrophoretic, 5740
– – tissues, electrophoretic, 2570, 5739
– recluse spider venom, electrophoretic, 4649
– *Rhodopseudomonas spheroides* chromatophores, electrophoretic, 2574
– ribosomal, electrophoretic, 2575, 4633, 5744
– – *Drosophila*, electrophoretic, 4623
– – *Escherichia coli*, electrophoretic, 1646, 4938, 5727
– – rabbit reticulocytes, electrophoretic, 4631
– royal jelly, electrophoretic, 2532
– rumen bacteria cell, electrophoretic, 5746
– salmon serum, electrophoretic, 5749
– *Salmonella typhimurium*, electrophoretic, 4634
– sarcoplasmic, electrophoretic, 4635
– – reticulum, electrophoretic, 1662
– *Sclerotinia*, electrophoretic, 5751
– sea urchin chromatin, electrophoretic, 4647
– – – sperm, electrophoretic, 1730
– seromucoid, electrophoretic, 1665
– serum, electrophoretic, 764, 765, 2577, 2609, 3608, 3615, 4642
– – potentiometric, 3367
– sheep blood serum, electrophoretic, 5750
– silkworm egg, electrophoretic, 2583
– simian virus, electrophoretic, 3620, 3621, 5756, 5757
– soya, electrophoretic, 2551
– soybean, electrophoretic, 1650, 2602
– squirrel monkey blood serum, electrophoretic, 1666
– *Staphylococcus aureus*, electrophoretic, 4645
– *Stichopus japonicus*, electrophoretic, 1667
– *Streptopelia decaocto* egg, *Streptopelia risoria* egg, electrophoretic, 2552
– synaptosomal, rat, electrophoretic, 2584
– *Tetrahymena* pyriformis, electrophoretic, 2585
– toad hibrids serum, electrophoretic, 5752
– tobacco virus, electrophoretic, 3622
– tomato spotted wilt virus, electrophoretic, 4646
– *Triatoma* infestans hemolymph, electrophoretic, 1668
– *Trifolium subterraneum*, electrophoretic, 2586
– tyroxine–binding, rat plasma, electrophoretic, 3610
– urine, electrophoretic, 764, 5753, 5754
– vaccinia virus, electrophoretic, 2590
– vegetables, electrophoretic, 1647
– vertebrates, electrophoretic, 2588
– *Verticillium albo–atrum*, electrophoretic, 1669
– viruses, electrophoretic, 4651
– virus equine arthritis, electrophoretic, 1670
– vitamin B_{12}–binding, electrophoretic, 767, 1631
– vitamin D_3–induced calcium–binding, pig intestine, electrophoretic, 1671

Proteins, wheat flour, electrophoretic, 1672, 2592
– whey, amperometric, polarographic, 2197
– complexes, electrophoretic, 760
– iron, redox electric tension, 541
Proteinases, electrophoretic, 783, 3692, 5684
– human gastric mucosae, electrophoretic, 783
Protheohormones pituitary, electrophoretic, 4599
Prothiaden, potentiometric, 4350
Prothrombin, adsorption (on) platinum, 3028
– bovine, electrophoretic, 5774
– charge transfer, electrolytic, voltammetric, 3028
Protocatechuic acid, *see also* Benzene dihydroxy–
– – complexes, formation, 4308
– – – potentiometric, 4308, 5328
– – – stability, 5328
Protocollagen hydroxylase, chick, embryos, electrophoretic, 5787
Proton(s), diffusion (in) *tert*–butanol, chronoamperometric, 4747
– discharge, theory, 5
– transfer, theory, 6, 20, 3816
Protoplast, *Acer pseudoplatanus*, electric tension, 2379
Pseudocodamine benzyl–, anodic cyclization, electrolytic, 720
Pseudolaudanine, anodic cyclization, electrolytic, 720
Pseudorandom signals (in) electrochemistry, 1875
Pseudotitrations, amperometric, 3154
Pteridine derivatives, polarographic, 362, 364
– hydroxy–, adsorption (on) mercury dropping, cathodic behavior, polarographic, voltammetric, 262
Pteridone amino–, substituted, cathodic behavior, electrolytic, polarographic, voltammetric, 263
Pterin dihydro–, derivatives, polarographic, 363
– – – voltammetric, 361
Pulse current, low–frequency, integration, 117
– rectangular generator, 1949
Purine, adsorption, anodic behavior, review, 718
– amino–, *see also* Adenine
– aminomercapto–, ionization, potentiometric, 453
– – complexes, potentiometric, stability, 453
– nucleoside phosphorylase, electrophoretic, 2664
– thio–, anodic behavior, review, 718
Purinium derivatives, cathodic behavior, polarographic, 2193, 5167
Putidaredoxin, *Pseudomonas putida*, redox behavior, 3365
Pyran tetrahydro–, electrolytic, fluorination, 1595
Pyran thio– derivatives, electrolytic, fluorination, 3514
Pyrazine, cathodic behavior, chronoamperometric, voltammetric, 3022
– complexes, potentiometric, 452
– – spectroelectrochemistry, 2987
– – stability, 452
– – voltammetric, 2987
– dibenzo–, acylation, coulometric, electrolytic, polarographic, 2186
Pyrazole substituted, complexes, adsorption (on) mercury dropping, cathodic behavior, polarographic, 5094
Pyrazoline carbaldoxime derivatives, ionization, potentiometric, tautomerism, 4346
– derivatives, reaction (with) iodine, conductometric, potentiometric, 3315
– diphenyl– derivatives, complexes, polarographic, 5138
– triphenyl–, electrochemiluminescence, 3023
– – polarographic, 3133
– – voltammetric, 3023
Pyrazolone dimethylphenyl–. *see also* Antipyrine
Pyrazyl methyl ketone, ionization, potentiometric, 3356
– – – complexes, potentiometric, stability, 3356
Pyrene, cathodic behavior, 4091
– electrochemiluminiscence, 863, 1887, 5875
– polarographic, 4091
– voltammetric, theory, 2828
– dimethyldihydro–, cathodic behavior, polarographic, 4091
Pyrex glass membrane, electric tension (*l*), 2293
Pyridazine, cathodic behavior, chronoamperometric, voltammetric, 3022
Pyridazine sulfamethoxy–, bromination, coulometric, 741
Pyridazone derivatives, cathodic behavior, polarographic, 367
Pyridinaldehyde, *see also* Nicotinaldehyde
Pyridine, amperometric, 381, 393
– anodic behavior, 2727
– basicity, 405
– cathodic behavior, 356
– coulometric, 381, 5567
– ionization, 2339
– polarographic, 356, 2098
– potentiometric, 393, 405, 2339, 3331
– reaction (with) acetic acid, (with) formic acid, conductometric, 3456
– solvent (for) amperometry, 1242, 5203
– – – conductometry, 598, 1450, 2402
– – – electrolysis, 698, 3502
– – – electrophoresis, 4594
– – – polarography, 1132, 1168, 2201, 3040, 3051, 4023
– – – potentiometry, 1450, 2230, 4317
– – – voltammetry, 2006
– amino–complexes, cathodic behavior, 2110, 2111
– – – formation, 2111

Pyridine amino– conplexes, polarographic, 2110, 2111
– – – potentiometric, 2261, 3227
– – – stability, 2110, 2111, 3227
– benzyl– thiocyanate, polarographic, 5085
– carboxylic acid, *see also* Nicotinic acid, *see also* Picoline
– – – adsorption (on) antimony, (on) cadmium, 2715
– – – cathodic behavior, polarographic, 356
– – – amide, *see also* Nicotinamide
– – – nitrile, *see also* Nicotinonitrile
– complexes, cathodic behavior, 2110
– – conductometric, 1529, 1530, 3443, 5553
– – electrochemical behavior, 1815
– – polarographic, 2110, 4072, 5091, 5142
– – potentiometric, 464, 2261, 2339, 4217, 4310, 5355, 5416
– – stability, 464, 2110, 2339, 5416
– – voltammetric, 1038, 5038
– cyano–, cathodic behavior, electrolytic, voltammetric, 4006
– – complexes, conductometric, 622
– derivatives, cathodic behavior, 1218
– – electrolityc, 713, 1218
– – fluorination, 713
– – ionization, 570
– – polarographic, 1218
– – potentiometric, 570
– – reaction (with) butanoic acid, (with) propionic acid, conductometric, 3456
– – complexes, conductometric, 4405
– – – potentiometric, stability, 5283, 5416
– dibenzo–, *see* Acridine
– dicarboxylic acid, *see also* Cinchomeronic acid
– – – cathodic behavior, ionization, polarographic, voltammetric, 371
– – – complexes, conductometric, 2430
– – – – potentiometric, stability, 3197
– dihydro–, electrophoretic, 5704
– methoxy– iodide, polarographic, 5085
– methoxyphenyl– perchlorate, polarographic, 5085
– methyl–, complexes, potentiometric, 2261, 3277
– – – stability, 3227
– nitro– substituted, cathodic behavior, polarographic, 2182, 2183, 2184
– nitrophenyl– perchlorate, polarographic, 5085
– nucleotides, blood, polarographic, 1230
– oxide, complexes, conductometric, 5536
– – nitro– substituted, cathodic behavior, polarographic, 2183
– phenyl– bromide, iodide, perchlorate, polarographic, 5085
– quinolyl– perchlorate, polarographic, 5085
– substituted, anodic behavior, polarographic, 357
– sulfobenzoylpyridyl hydrazone, complexes, potentiometric, stability, 4210
– thieno–, derivatives, ionization, potentiometric, 1471
Pyridine thione, coulometric, 4571
– tolyl– perchlorate, polarographic, 5085
– vinyl–, complexes, conductometric, 5516
Pyridinium, conductometric, mobility, 1489
– alkyl–, cathodic behavior, 854
– – bromide, polarographic, 4099
– alkylaryl– derivatives, ionization, potentiometric, 4341
– alkyloxymethyl– iodide, derivatives, conductometric, 3464
– amino–, aminodimethyl–, aminomethyl–, complexes, conductometric (*s*), 2436
– cetyl– bromide, activity, conductometric, critical micelle concentration, potentiometric, 429
– – chloride, potentiometric, 3355
– diamino–, complexes, conductometric (*s*). 2436
– ethyl–substituted, polarographic, 360
– imidazo– derivatives, cathodic behavior, polarographic, 2185
– pyrrolo– derivatives, cathodic behavior, polarographic, 2185
– salts, ionization, potentiometric, 4312
Pyridinone, conductometric, nitration, 3895
Pyridone derivatives, cathodic behavior, electrolytic, polarographic, 366
Pyridoxime, potentiometric, 1476
Pyridylazo dyes, polarographic, 3065
– – complexes, polarographic, 3065
Pyridylcarbinol alkyl– derivatives, conductometric, 3464
Pyrilium derivatives, cathodic behavior, polarographic, 5166
Pyrimidazine complexes, potentiometric, stability, 452
Pyrimidine, cathodic behavior, polarographic, 1219
– complexes, potentiometric, stability, 452
Pyrimidinium, cathodic behavior, polarographic, 359
Pyrine amido–, amperometric, 395
– thio–, reaction (with) iodine, conductometric, potentiometric, 3315
Pyrite, anodic behavior, 2295
– electrode, electric tension, 4280
– – (for) potentiometry, 5401
– potentiometric, sulfur fugacity, 1384
Pyrocatechol, *see also* Benzene dihydroxy–
– anodic behavior, 2760
– polarographic, 2127
– complexes, cathodic behavior, 2135
– – conductometric, 3422
– – polarographic, 1156, 2135
– – potentiometric, 3255, 4230, 5313
– – stability, 2135, 5313
– disulfonic acid complexes, potentiometric, stability, 4304
– Violet, electrophoretic, 3572
Pyrogallol, *see also* Benzene trihydroxy–
– electrophoretic, 1401
– polarographic, 2127
– carbonic acid, electrophoretic, 1401
– complexes, cathodic behavior, 2135

Pyrogallol complexes, conductometric, 3422
– – polarographic, 1156, 2135
– – potentiometric, 1401, 2277, 4230, 5313
– – stability, 2135, 5313
– sulfonic acid, electrophoretic, 1401
Pyromellitic acid, *see also* Benzene tetracarboxylic acid
– – complexes, polarographic, 3068
Pyrone derivatives, cathodic behavior, polarographic, 5173
– – complexes, potentiometric, 3204
Pyrophosphate complexes, formation, 5890
– phosphoribosyltransferase, electrophoretic, 4696
Pyrophosphoric acid complexes, conductometric, potentiometric, stability, 436
Pyrosulfuric acid, conductometric, 4427
Pyrrole radicals, polarographic, 5147
– aldehyde, complexes, conductometric, 3447
– hydroxy–, voltammetric, 3024
– nitroxide radicals, voltammetric, 3024
– tetraphenyl–, anodic behavior, voltammetric, 5071
– tetratolyl–, anodic behavior, 2494
Pyrrolidone, potentiometric, 3331
– carboxylic acid, *see also* Proline
Pyrrolidinone methyl–, acidity (in), 583, 1472
– – autoprotolysis, 583
– – solvent (for) potentiometric, 583, 1472
Pyrrolidone, acidity (in), solvent (for) potentiometry, 1472
Pyrrolizinedione oxime, cathodic behavior, coulometric, electrolytic, polarographic, 1222
Pyrrothite, potentiometric, sulfur fugacity (in), 1384
Pyruvate, electrophoretic, 3568
– decarboxylase, pear, electrophoretic, 2639
– glutamate aminotransferase, blood stains, electrophoretic, 1693
– kinase, activity, 3466
– – electrophoretic, 2634
– – mammalian, electrophoretic, 2634
– – rat, electrophoretic, 3671
Pyruvic acid complexes, polarographic, stability, 1150
– – mercapto–, sulfonium derivatives, thioethers, cathodic behavior, electrolytic, polarographic, 327

Quartz, conductometric (*s*), 4426
– glasses, conductometric (*s*), 5530
Quercitin complexes, potentiometric, stability, 5276
Quinaldinium amino– complexes, conductometric (*s*), 2436
Quinhydrone, *see also* Hydroquinone quinone
– electrode non aqueous, 3173
– – thermoelectric power, 576
Quinine, adsorption (on) mercury, 2716
– amperometric, 381, 393
– chronopotentiometric, 2716
– coulometric, 381, 393
Quinine, polarographic, 2098
– potentiometric, 3336
– hydrochloride, coulometric, 5678
– – electrophoretic, 4607
– – potentiometric, 3337, 5678
– sulfate, polarographic, 4108
– – potentiometric, 3337
Quinocarbocyanine, redox electric tension, 3359
Quinodicarbocyanine, redox electric tension, 3359
Quinol diacetate tetramethoxy–, anodic behavior, electrolitic, 3526
Quinolinate hydroxy–, ionization, potentiometric, protonation, 4343
Quinoline, amperometric, 381, 393
– basicity, 405
– cathodic behavior, 356
– coulometric, 381, 393, 4570
– polarographic, 356, 5154
– potentiometric, 405, 3331
– bases, electrophoretic, 754
– benzyl–chloride, polarographic, 5085
– – thiocyanate, polarographic, 5085
iso–Quinoline benzyl–chloride, polarographic, 5085
Quinoline carboxylic acid, cathodic behavior, polarographic, 356
– chloro–, polarographic, radicalization, volttammetric, 258
– complexes, conductometric, 622, 3443, 4405, 5516
iso–Quinoline complexes, conductometric, 622, 4405
– derivatives, corrosion inhibitors, 2779
– – polarographic, 5154
– fluoro–, polarographic, radicalization, voltammetric, 258
– hydroxy–, polarographic, 4029
– – potentiometric, 2889, 3331
– – derivatives, cathodic behavior, polarographic, 3131
– methoxymercapto–derivatives, ionization, potentiometric, 5445
– oxide complexes, conductometric, 3439, 5546
– – – solvation, 3439
– sulfonic acid complexes, potentiometric, stability, 479
– – – hydroxyiodo–, ionization, potentiometric, 3252, 4344
– – – – complexes, potentiometric, stability, 3252
– – – hydroxy (naphthylazo)–, polarographic, 1224
Quinolinium amino– complexes, conductometric (*s*), 2436
– alkyl aryl derivatives, ionization, potentiometric, 4341
Quinolizinium derivatives, cathodic behavior, electrolytic, electrosynthesis, 5662
Quinone, *see also* Benzoquinone
– reaction (with) vanadium (III), potentiometric, 3285

Quinone dichloro– dicyano– complexes, conductometric, 1547
– – diphenyl– complexes, conductometric, 3462
– hydroquinone, *see also* Quinhydrone
– – polymer, redox behavior, 5443
– – voltammetric, 5031
Quinotricarbocyanine, redox electric tension, 3359
Quinoxaline, acylation, coulometric, electrolytic, polarographic, 2186
– bromo–, chloro–, iodo–, polarographic, radicalization, voltammetric, 258
– oxide, cathodic behavior, polarographic, 2188
– – derivatives, cathodic behavior, polarographic, 2188

Radicals, dimerization, 5887
– electrochemiluminescence, 5874
– electrogeneration, 2896
– organic, polarographic, 5147
Radiopolarography, technique, 1124
Red BL, electrophoretic, 3573
Redox electric tension, theory, 1900
– pair, theory, 898
– reactions, rate constants, theory, 4893
– – theory, 1870, 4893
Reductases, electrophoretic, 784, 1721, 1722, 4694, 4695
Reductones, (in) wine, potentiometric, 1389
Resacetophenone oxime, complexes, potentiometric, stability, 5273
Reserpine, potentiometric, 3336
Resistance measurements, instrumentation, 1955, 1956
– theory, 68
– uncompensated, effect (on) polarography, 3042
Resorcin pyridylazo–, ionization, potentiometric, 1149
– – complexes, potentiometric, stability, 1149
Resorcinol, *see also* Benzene dihydroxy–
– complexes, polarographic, 2128
– dimethyl ether, *see also* Benzene dimethoxy–
Resorcylic acid, conductometric, ionization, potentiometric, 1140
– – complexes, polarographic, 2128
Reumin, bovine, electrophoretic, 2626
Rhenate, *see also* Rhenium (VI)
Rhenium (VII), *see also* Perrhenate
– (VI), amperometric, 5202
– (VII), amperometric, 1613, 4121
– anodic behavior, 216, 313, 2976
– (VII), cathodic behavior, 313, 5625
– – coulometric, 1613
– electric tension *vs.* pH diagram, 2976
– electrodeposition, review, 1565
– (VII), electrolytic, 3498, 5625
– isotopes, electrophoretic, 5698
– polarographic, 2149
Rhenium (IV), polarographic, 313
– (VII), polarographic, 313
– – potentiometric, 1613
– redox behavior, theory, 3230
– voltammetric, 216, 2976
– (III) chloride, cathodic behavior, polarographic, 1173
– cobalt, electrodeposition, voltammetric, 4524
– (III) complexes, cathodic behavior, 1173, 2148
– (IV) complexes, cathodic behavior, 1080
– (III) complexes, chronoamperometric, 2148
– (IV) complexes, hydrolysis, 1080
– (III) complexes, polarographic, 1173, 2148
– (IV) complexes, polarographic, 1080
– (V) complexes, potentiometric, stability, 5398
– (IV) complexes, voltammetric, 1080
– organoderivatives, polarographic, 2149
– platinum, adsorption (on), 4707
– tricarbonyl, cathodic behavior, polarographic, 3059, 3061
Rhodamine B, electrophoretic, 4594
– derivatives, ionization, potentiometric, thermodynamics, 584
– – complexes, electrophoretic, 745
Rhodium, adsorption (on), 64, 1735, 1974, 5817
– anodic behavior, 5041
– chronopotentiometric (*l*), 5010
– electrochemical behavior, 849
– electrode, anodic behavior, 2756
– – potentiodynamic, 864
– electrodeposition, review, 1565
– voltammetric, 5041 ; (*l*) 5010
– (III) aquochloro– complexes, cathodic behavior, voltammetric, 2066
– – complexes, acidity, 5418
– complexes, cathodic behavior, 1052
– (I) complexes, cathodic behavior, 223
– (III) complexes, cathodic behavior, 5042, 5143
– complexes, conductometric, 5510
– (II) complexes, conductometric, 5558
– (III) complexes, conductometric, 635, 5558
– complexes, electromigration, 4588
– (III) complexes, ionization, 635
– – – polarographic, 4040, 5143
– – – potentiometric, 5418
– – – stability, 4040
– complexes, voltammetric, 1052, 5043
– (I) complexes, voltammetric, 223
– (III) complexes, voltammetric, 5042
– hydrogen electrode, reactions, 3863, 3864, 3865
– osmium, adsorption (on), 1734
– platinum, adsorption (on), 1735, 1736, 4730, 5818
– titanium, adsorption (on), 2687
Riboflavin, cathodic behavior, electrophoretic, 2090
– radicals, reaction (with) dyes, 4349
– redox electric tension, 3353

Riboflavin, voltammetric, 2090
Ribofuranoside purine amino–, *see* Adenosine
Ribonuclease, *see* RNAse
Ribonucleic acid, *see* RNA
Ribonucleoproteins cellular messenger, electrophoretic, 5720
Ribonucleoside diphosphate reductase, *Escherichia coli*, electrophoretic, 1722
Ribopolynucleotides tritium–labelled, electrophoretic, 787
Ribose complexes, potentiometric, stability, 2272
Ribosyladenine ribohydrolase, potato, electrophoretic, 1711
Ribulose phosphate kinase, spinach, electrophoretic, 3670
RNA, electrophoretic, 113, 786, 787, 1716, 2673, 3695, 4601, 4939, 5803
– algae, electrophoretic, 3696
– avian sarcoma viruses, electrophoretic, 3697
– – tumor viruses, electrophoretic, 2679
– barley stripe mosaic virus, electrophoretic, 5804
– citrus exocortis disease, electrophoretic, 3698
– *Escherichia coli*, electrophoretic, 789, 2674, 3700, 3701, 3900
– fowl plague virus, electrophoretic, 5805
– guinea pig, electrophoretic, 5771
– leukemia viruses, electrophoretic, 3703
– Mason–Pfizer monkey virus, electrophoretic, 788
– mouse sarcoma virus, electrophoretic, 2680
– murine leukemia virus, translation products, electrophoretic, 3704
– – sarcoma virus, electrophoretic, 3703
– rabbit globin, electrophoretic, 4603
– rat, electrophoretic, 5806
– – reticulocytes globin, electrophoretic, 2675
– Rauscher leukemia virus, electrophoretic, 788
– rhinovirus, electrophoretic, 2678
– ribosomal, amphibian, electrophoretic, 1729
– – rat liver, electrophoretic, 4604
– rooster, electrophoretic, 5806
– *Saccharomyces carlsbergensis*, electrophoretic, 2676
– sea urchin embryos, electrophoretic, 2677
– *Tetrahymena*, electrophoretic, 3705
– tobacco mosaic virus, electrophoretic, 4603
– translation factor, electrophoretic, 3699
– tritiated, electrophoretic, 785
– tumor virus, electrophoretic, 2681
– tyrosyl transfer, electrophoretic, 3702
– viruses, electrophoretic, 1728, 5807
– *Zea mays*, electrophoretic, 3706
– polymer(s), electrophoretic, 4602
– polymerase, encephalomyocarditis virus, electrophoretic, 2666
– – human tissue, electrophoretic, 3690
RNAase, electrophoretic, 1673, 5796
RNAase, plant tissue, electrophoretic, 5796
– reaction (with) chondroitin sulfate, (with) hexacyanoferrate (IV), (with) inositol sulfate, (with) DNA, conductometric, 3445
Rocks, carbon (in), carbonate (in), 2503
– chloride (in), 4298
Rose Bengal B, cathodic behavior, polarographic, 5178
Rubeanic acid, polarographic, 283
Rubidium (I), cathodic behavior, 3036, 3919
– – diffusion (*s*), 4394
– – coulometric, 3534
– – mobility (*l*), 3389
– – polarographic, 3036
– – solvation, 2395
– – transport number (*l*), 3176
– – voltammetric, 2922, 3919
– amalgam activity, electrode S.E.T., thermodynamics, 4161
– antimony (III) sulfide, conductometric (*s*), 5496
– bromide silver bromide, diffusion electric tension (*l*), 3180
– – – chloride, diffusion electric tension (*l*), 3180
– chloride, activity, 4161
– – association, 601
– – conductometric, 601, 4395; (*l*) 2397; (*s*) 4394
– – potentiometric, 4161, 5227, 5228
– – solvent (for) chronopotentiometry (*l*), 3753
– – thermodynamics, 4395, 5227, 5228
– – transport, 5228
– – cerium (III) chloride, potentiometric, thermodynamics (*l*), 4148
– – lanthanum chloride, potentiometric, thermodynamics (*l*), 4154
– – magnesium chloride, conductometric (*l*), 2398
– – silver bromide, diffusion electric tension (*l*), 3180
– – – chloride, diffusion electric tension (*l*), 3180
– – strontium chloride, potentiometric (*l*), 3176
– chromate, conductometric, coulometric, transport numbers, 2394
– (I) complexes, conductometric, 3395
– fluoride, conductometric (l), 4377
– iodide copper (I) iodide, potentiometric, thermocell, thermodynamics (*l*), 3181
– – silver iodide, potentiometric, thermocell, thermodynamics (*l*), 3181
– nitrate, conductometric (*s*), 1511
– – transport numbers (*l*), 3389
– perchlorate, conductometric, 2395, 3843, 4374
– – polarographic, 4017
– – thermodynamics, 3843
– – voltammetric, 4017
– silver iodide, conductometric (*s*), 4393
– – – carbon interphase, impedance, 1796
– – – platinum interphase, impedance, 1796

Rubidium sulfate, conductometric (*l*), (*s*), 5481
Rubrene, electrochemiluminescence, 1887; (*l*) 3012
– radicalization, voltammetric (*l*), 3012
Ruthenium, adsorption (on), 64, 1737, 2688
– (IV), amperometric, 3161
– anodic behavior, 222
– coulometric, 727, 3539
– electrochemical behavior, 849
– electrodeposition, 1565, 4533
– (in) sea water, electrophoretic, 752
– voltammetric, 222
– (III) chloride, electrophoretic, 3567
– – complexes, anodic behavior, 5903
– – – cathodic behavior, 4075, 5903
– complexes, conductometric, 5505, 5510
– (III) complexes, conductometric, 635
– (II) complexes, coulometric, 1095
– (III) complexes, coulometric, 5040
– (II) complexes, electrochemiluminescence, 1095
– (III), complexes, ionization, 635
– – isomerization, 5903
– (II) complexes, redox behavior, 1095
– (III) complexes, polarographic, 4075
– (II) complexes, spectroelectrochemistry, 2987
– (III) complexes, spectroelectrochemistry, 2987
– (II) complexes, voltammetric, 1095, 2987
– (III) complexes, voltammetric, 2987, 5040
– copper, anodic behavior, electrolytic, 4478
– iridium Raney, adsorption (on), 1737
– nickel, anodic behavior, electrolytic, 4532
– (III) nitrosyl derivatives, electrophoretic, 3567
– (IV) oxide electrode, overtension (on), potentiostatic, voltammetric, 3991
– oxide titanium oxide electrode, anodic behavior, voltammetric, 5000
– platinum electrode, anodic behavior, potentiostatic, 5915
– titanium electrode, anodic behavior, potentiostatic, 5915
Rutin, potentiometric, 5428

Safranine T, reaction (with) free radicals, redox electric tension, 4349
Salazopyridazine, cathodic behavior, polarographic, 3129
Salicin, electrophoretic, 5784
Salicylaldehyde, amperometric, 5203
– potentiometric, 1451, 4337
– acetyl–, electrolytic, hydrolysis, 2493
– complexes, polarographic, stability, thermodynamics, 3046
– Schiff base complexes, polarographic, 1094
– selenosemicarbazones, complexes, cathodic behavior, polarographic, 4033
– thiosemicarbazones complexes, cathodic behavior, polarographic, 4033
Salicylamide complexes, potentiometric, stability, thermodynamics, 5307
Salicylate, ionization, 4312
– polarographic, 4095
– potentiometric, 4312
– complexes, potentiometric, 537
– sulfo– complexes, formation, 5890
– thio– complexes, potentiometric, stability, 3246
Salicylic acid, adsorption (on) mercury, 4736
– – anodic behavior, deprotonation, 3020
– – electrophoretic, 5705
– – ionization, 1460, 1469, 2278, 2369
– – potentiometric, 578, 1460, 1469, 2278, 2369, 5384
– – voltammetric, 3020
– – acetyl–, potentiometric, 578
– – – complexes, polarographic, 3068
– – amino, electrode selective, potentiometric, 2372
– – bromo– complexes, conductometric, potentiometric, 5340
– – bromosulfo– complexes, association, potentiometric, 2371
– – chloro–, complexes, conductometric, 3428
– – complexes, formation, 5263
– – – polarographic, 2128, 3068
– – – potentiometric, 2253, 5263
– – dinitro–, voltammetric, 5065
– – – complexes, conductometric, potentiometric, 5340
– – hydroxy–, complexes, conductometric, 2252
– – – – potentiometric, 2252, 5408
– – – – stability, 2252
– – nitro–, complexes, conductometric, 5340
– – – – formation, 2253
– – – – potentiometric, 5340
– – – – stability, 2253
– – polymers, conductometric, potentiometric, 1450
– – sodium salicylate buffer, 4137, 5229
– – sulfo– complexes, potentiometric, 4304, 4326
– – – – stability, 4304
– – thio–, ionization, 2278
– – – potentiometric, 2278, 5429
– – – complexes, formation, 5263
– – – – potentiometric, 2278, 3303, 5263
– – – – stability, 2278
Salsoline hydrochloride, electrophoretic, 4607
Salt bridge semimicro, (for) potentiometry, 4913
Samarium (III), amperometric, 388
– anodic behavior, 3771
– (III), cathodic behavior, 2122, 3069, 4776
– – (in) organometallics, potentiometric, 2283
– – polarographic, 2122, 3069, 3070
– chloride complexes, conductometric, 5524
– (III) complexes, amperometric, 387
– – – conductometric, 3428, 3431, 5523, 5525

Samarium (III) complexes, formation, 5322, 5326
– – – potentiometric, 479, 1348, 2287, 3260, 4235, 4239, 4244, 5322, 5325, 5326
– – – stability, 479, 1348, 2287, 3260, 4239, 4244, 5325, 5523
– – – thermodynamics, 4244, 5322, 5326
– – polyvanadate, conductometric, potentiometric, 3263
– – vanadate, conductometric, potentiometric, 3263
– zinc, corrosion, 4816
Sandocryl Rubine B–RLE, electrophoretic, 3573
Sarcosinate glycyl–, complexes, potentiometric, 5265
Sarcosine glycyl–, complexes, potentiometric, 1302, 5265
– – – thermodynamics, 1302
Sargent Lewis cell, electric tension, 414
SBS membrane cation–exchanger, electric tension stability, 2846
SBS–3 membrane electrode, 5212
Scopolamine, ionization, potentiometric, 562
Scandium (III), potentiometric, 3255
– – complexes, potentiometric, 1349, 3254, 3255, 5325, 5326
– – – stability, 1349, 3254, 5325
– – hydroxyfluoro complexes, potentiometric, 4234
– oxide, conductometric (*s*), 636
– – calcium oxide zirconium oxide, conductometric (*s*), 4409
– – titanium oxide, conductometric (*s*), 638
– – vanadium (III) oxide, conductometric (*s*), 637
– – zirconium oxide, potentiometric, thermoelectric tension (*s*), 2284
– tungstate, conductometric, potentiometric, 4233
Sea water, acidity (in), 5226
– – ammonium (in), 428, 3535
– – antimony (in), 192
– – basicity (in), 484
– – bismuth (in), 192, 2034
– – boric acid (in), 471
– – buffer, 4220, 4221
– – carbonate (in), 484
– – carbonic acid (in), 483
– – chlorine (in), 994
– – copper (in), 2448, 5245
– – iodate iodine redox (in), 1425
– – light metals corrosion (in), 3870
– – potassium (in), 1288
– – ruthenium (in), 752
– – sodium chloride (in), 4743
– – tin (in), 3952
– – zinc (in), 3939
– – copper, electric tension *vs.* pH diagram, 4165
Sebacic acid, *see also* Decanedioic acid
Selectrode electrode, selective, 1286, 1323
Selenanedisulfonate, electrophoretic, 1624
Selenate, *see also* Selenium (VI)
Selenic acid, potentiometric, 3187
Selenides, S.E.T., 5366
Selenite, *see also* Selenium (IV)
– complexes, potentiometric, 5411
– – stability, 2340, 5411
Selenium (IV), *see also* Selenite
– (VI), *see also* Selenate
– amperometric, 1253
– (IV), amperometric, 205, 1253
– – coulometric, 723
– – electrode selective, 5367
– electrode, S.E.T., 5366
– electrodeposition, 682, 1581
– (in) gallium antimonide, polarographic, 5097
– polarographic, 3066, 4018
– (IV) polarographic, 2137, 2182
– – potentiometric, 205
– (in) soil, polarographic, 1166
– (in) water, polarographic, 1166
– (IV), voltammetric, 204
– antimonide, electrodeposition, 5619
– (IV) bromide complexes, conductometric, 3436
– chromium tellurium, conductometric (*s*), 3442
– compounds, cathodic behavior, voltammetric, 4966
– (IV) oxide electrode, S.E.T., 5366
– tin, conductometric, thermoelectric tension (*l*), 3435
Selenocyanate complexes, conductometric, 3431
– – polarographic, stability, 4042
Selenodiazole, polarographic, 1221
Selenosemicarbazide complexes, polarographic, potentiometric, stability, thermodynamics, 2115
Semicarbazide complexes, polarographic, potentiometric, stability, thermodynamics, 2115
– thio–, solvent (for) polarography, voltammetry, 3986
Semiconductors, aluminum (in), antimony (in), 3942
– conductometric, 1486, 1950
– double layer, review, 3737
– electrode, reaction (on), 966
– voltammetric, 1950
Semimethylthymol blue, ionization, potentiometric, 4182
– – complexes, potentiometric, stability, 4182
Serine, ionization, potentiometric, 5264
– acetyl– sulfhydrylase, rapeseed, potentiometric, 1478
– complexes, formation, 5264
– – potentiometric, 1306, 3211, 3247, 3303, 3326, 5264, 5417, 5419
– – stability, 1306, 3211, 3247, 3326, 5417
– phosphatidyl–, membrane, electric tension, potentiometric, 585
Serum ammonium (in), 3885
– calcium (in), 2267, 3236, 3237

Serum, chloride (in), 5676
– fluoride (in), 3308
– iron (in), 4565, 4566
– mercury (in), 4561
– nitrogen (in), 4562
– potassium (in), 104
Seryl–tRNA synthetase, *Escherichia coli*, electrophoretic, 5798
S.E.T., (in) nonaqueous solvents, theory, 914
– theory, review, 2832
Sewages, cadmium (in), copper (in), lead (in), 3924
– triacetate nitrilo– (in), 3335
– zinc (in), 3924
Silane tetraphenyl– radical, electrolytic, 3508
Silicate(s), aluminum (in), 5311
– copper (in), 4020
– electrode glass, potentiometric (*l*), 1271
– iron (in), 5311
– lead (in), 4503
– magnesium (in), 5311
– potentiometric, 5311
– sulfate (in), 1157
Silicic acid, complexes, coulometric, stability, 5669
Silicoaluminates, conductometric (*s*), review, 4414
Silicon, anodic behavior, 2020, 5588, 5884, 5963
– electrodeposition (*l*), 2021, 3489
– electrolytic, 5588
– galvanostatic, 5884
– photopassivation, 860
– (IV), polarographic, 296
– potentiostatic, 5884
– voltammetric, 2020; (*l*) 2021
– aluminum, electrolytic (*l*), 677
– – copper, electrolytic (*l*), 677
– – ion, activity, potentiometric, 1341
– carbide, adsorption (on), 5827
– – double layer, 5827
– copper, electrolytic (*l*), 677
– heteropolyacids, cathodic behavior, 2022
– – coulometric, 1363
– – electrolytic, 3041
– – (by) impedance, 1363
– – polarographic, 296
– – potentiometric, redox electric tension, 1363
– – voltammetric, 2022
– iron, anodic behavior, voltammetric, 3950
– nitride, conductometric (*s*), 3434
– oxide, activity (*l*), 1362
– – colloid, double layer, 4745
– – electrolytic (*l*), 677
– – membrane glass, electric tension (*l*), 2293
– – potentiometric (*l*), 1362, 5333
– – solubility (*l*), 5333
– – aluminum oxide, electrolytes (for) potentiometry (*s*), 512
– – – – calcium oxide, potentiometric (*l*), 3178
– – – – – – voltammetric (*l*), 2002
Silicon oxide aluminum oxide calcium oxide vanadium oxide, conductometric (*l*), 4407
– – iron (II) oxide lead (II) oxide, potentiometric (*l*), 3178
– – – (III) oxide, zeta electric tension, 4793
– – lead (II) oxide, charge transfer (*l*), 132
– – – – – oxygen diffusion (in), chronoamperometric (*l*), 1777
– – – – – potentiometric (*l*), 1362, 3178
– – – – – solvent (for) potentiometry (*l*), 5353
– – magnesium oxide, electrolytes (for) potentiometry (*s*), 512
– (IV) oxide potassium oxide glass, impedance, 1795
– oxide sodium oxide, charge transfer (*l*), 132
– – – – glass, impedance, 1795
– – – – oxygen diffusion (in), chronoamperometric (*l*), 1777
Silver, adsorption (on), 156, 796, 955, 1078, 2000, 2698, 2703, 5830
– amperometric, 5190
– (I), amperometric, 384, 1246, 5193
– anodic behavior, 156, 157, 1041, 1999, 4485, 5883; (*l*) 5595
– (I), association, 447
– (in) bismuth, potentiometric, 3214
– (I), cathodic behavior, 1043, 2823, 3053, 4856; (*l*) 152, 1782, 2933
– charge transfer (*l*), 132
– (0–I), chronoamperometric (*l*), 3925
– chronopotentiometric, 826; (*l*) 2933
– (0–I), chronopotentiometric (*l*), 3925
– (I), chronopotentiometric, 3752; (*l*) 825, 1782, 4750, 5863
– color image transformation (in) photography, 2767
– (I), conductometric, 2416, 2893, 4189, 4388, 5509
– (II), conductometric, 2392
– corrosion (*l*), 880
– coulometer, 4393
– (I) coulometric, 723, 3536
– – diffusion (*l*), 825, 4750, 5863
– – – 3752; (*l*) 2933
– electrocrystallization, 678, 4487, 4489, 5592, 5872
– (I) electrode (*l*), 1271, 1297
– electrode, anodic behavior, 2000, 4970
– – – discharge, 4393
– – billet (for) potentiometry, 2001
– – capacitance, 2721, 5848
– – – differential, 1771, 1772, 3739, 5845
– – cathodic behavior, 4970
– – double layer, 1771, 3739, 5846
– – – – review, 5847
– – (with) glass substrate, (for) potentiometry, voltammetry, 2001
– – impedance (*l*), 2740
– – (with) interchangeable tip, 1947
– – non aqueous, 3173, 4173
– – packed bed, (for) voltammetry, 2973
– – porous, admittance, 3766

Silver electrode, parous, capacitance, voltammetric, 1040
– – potentiometric, 2000
– – redox, polarization, electrothermographic, 1823
– – rugosity coefficient, 1771
– (I) electrode selective, 3219, 3222
– – – – temperature coefficient, 431
– electrode, thermoelectric tension, 5278
– – voltammetric, 2000, 4393
– electrodeposition, 155, 1043, 3481 ; (*l*) 2933, 4488
– electrolytic, 5594 ; (*l*) 5595
– electron work function, 3867
– (I), electrophoretic, 745, 2513, 5688, 5690
– electrorefining, 5593
– electroreflectance, 155
– galvanostatic, 4485, 5883
– hydrophobic sol, electrophoretic, stability, 1616
– (by) impedance (*l*), 2933
– impurities, effect (on) hydrogen overtension, 1019
– (I), mobility (*l*), 3389, 3390
– nucleation, 4488
– (in) organics, potentiometric, 2256
– oxygen (in), 5859
– – diffusion (in) (*s*), 509 ; (*l*) 4779
– – solubility (in) (*s*), 509
– (0–I) polarographic (*l*), 3925
– (I) polarographic, 3051, 3053
– potentiometric, 3193
– (0–I) potentiometric (*l*), 3925
– (I) potentiometric, 1297, 1310, 1313, 2255, 2256, 2263, 2922, 3216, 3217, 3220, 4187, 4188, 4189 ; (*l*) 447, 4191
– potentiostatic, 4488
– (I) reaction (with) acetamide thio–, polarographic, 3052
– – – – chlorine, conductometric, 2893
– (II), reaction (with) water, voltammetric, 2909
– (0–I), redox equilibrium kinetic, (by) faradaic rectification, 5889
– (I), solvation, 1313, 2392
– stripping, 2928 ; (*l*) 1042
– sulfidation, potentiometric, 3215
– (I), transport numbers, 4388, 5690 ; (*l*) 3390
– voltammetric, 155, 157, 982, 1041, 1999, 2926, 2928 ; (*l*) 152, 2933
– (0–I), voltammetric (*l*), 3925
– (I), voltammetric, 1043, 2823, 4856
– – Walden product, 2392
– zero charge point, 1772, 2721, 3739, 3779, 3867, 5918
– acetate, potentiometric, solubility, 3225
– benzoate, potentiometric, solubility, 3225
– borosulfide, cathodic reactant (for) battery, discharge, 1841
– bromide, adsorption (on), 1861
– – conductometric, 598 ; (*s*) 4393
– – electrode, photocurrent, photoelectric tension, 1861
– – – S.E.T., 5279
Silver bromide, ionization, 598
– – potentiometric, 446, 2257, 3225, 4190, 5281 ; (*l*) 449, 4192
– – solubility, 446, 2257, 3225, 4190 ; (*l*) 4192
– – solvation (*l*), 4192
– – thermodynamics, 5281 ; (*l*) 449, 4192
– – cesium bromide, diffusion electric tension (*l*), 3180
– – – chloride, diffusion electric tension (*l*), 3180
– – graphite, interface, capacitance, 5852, 5853
– – platinum interface, capacitance, 5852
– – potassium bromide, diffusion electric tension (*l*), 3180
– – – chloride, diffusion electric tension (*l*), 3180
– – rubidium bromide, diffusion electric tension (*l*), 3180
– – – chloride, diffusion electric tension (*l*), 3180
– – sodium bromide, diffusion electric tension (*l*), 3180
– – – – solvent (for) electrochemistry (*l*), 5899
– – – chloride, diffusion electric tension (*l*), 3180
– cadmium accumulators, 1839
– chloride, adsorption (on), 1861
– – cathodic behavior, 2934 ; (*l*) 2936
– – conductometric (*s*), 4380, 4406
– – dissolution rate, 2935
– – electrode, admittance, 4970
– – – (in) electric field, 3224
– – – non aqueous, 416, 3173
– – – – – S.E.T., 1312, 2232
– – – photocurrent, photoelectric tension, 1861
– – – porous, galvanostatic, 2811
– – – reference, 416, 1311, 4186 ; (*l*) 448
– – – S.E.T., 4186
– – – synthesis, 977
– – – voltammetric, 4970
– – integrator, 117
– – potentiometric, 446, 2257, 2325, 3225, 4190, 5281 ; (*l*) 448
– – solubility, 446, 2257, 2325, 3225, 4190 ; (*l*) 448
– – thermodynamics, 5281
– – voltammetric, 2934, 2935 ; (*l*) 2936
– – cesium bromide, diffusion electric tension (*l*), 3180
– – – chloride, diffusion electric tension (*l*), 3180
– – lithium nitrate, thermodynamics (*l*), 1803
– – potassium bromide, diffusion electric tension (*l*), 3180
– – – chloride, diffusion electric tension (*l*), 3180
– – – – solvent (for) galvanostatic measurements (*l*), 3723, 4722
– – rubidium bromide, diffusion electric tension (*l*), 3180

Silver bromide, rubidium chloride, diffusion electric tension (*l*), 3180
– – sodium bromide, diffusion electric tension (*l*), 3180
– – – chloride, conductometric (*s*), 4380
– – – – diffusion electric tension (*l*), 3180
– chromate lithium chromate, conductometric (*s*), 1492
– (I), complexes, amperometric, 2207, 5284
– – – cathodic behavior, 3053
– – – conductometric, 5284, 5505, 5510
– (II), complexes, electrochemical behavior, 4489
– (III), complexes, electrochemical behavior, 4489
– (I), complexes, electrophoretic, 745
– – – formation, 5890; (*l*) 4193
– – – polarographic, 2115, 3053
– – – potentiometric, 451, 452, 1314, 1315, 2215, 2254, 2261, 2262, 3325, 3326, 3327, 4169, 4190, 4195, 5283, 5284; (*l*) 447, 4193
– – – stability, 452, 1314, 1315, 2115, 2254, 2261, 2262, 3225, 3227, 4190, 4194, 4195, 5283, 5284
– – – thermodynamics, 2115, 2262, 4169
– compounds (in) photography, potentiometric, 5282
– cyanide, reaction (with) hydrofluoric acid, conductometric, 5500
– gold bromide, electrode (for) battery, 4393
– hydrogen electrode processes, 3865
– halide, cadmium (in), copper (in), iron (in), lead (in), nickel (in), zinc (in), 4022
– indium activity, galvanometric (*s*), 1790
– iodide, adsorption (on), 746
– – conductometric, 598
– – electrokinetics, electrophoretic, 746
– – ionization, 598
– – mobility, 746
– – potentiometric, 446, 2257, 3225, 4190, 5281
– – solubility, 446, 2257, 3225, 4190
– – thermoelectric power (*s*), 444
– – thermodynamics, 5281
– – cesium iodide, potentiometric, thermocell, thermodynamics (*l*), 3181
– – complexes, potentiometric (*l*), 450
– – graphite interface, capacitance, 5852
– – hexamethonium cell, 3789
– – mercury (II) iodide silver selenide, conductometric (*s*), 3416
– – – – – – sulfide, conductometric (*s*), 3416
– – platinum interface, capacitance, 5852
– – potassium iodide, potentiometric, thermocell, thermodynamics (*l*), 3181
– – rubidium iodide, potentiometric, thermocell, thermodynamics (*l*), 3181
– – silver electrode, photoelectrochemistry, 5909
– – – thermocell, 444
– – – sulfide electrode ceramic, 3223
– – sodium iodide, potentiometric, thermocell, thermodynamics (*l*), 3181
– iodotungstate, mixed conductor, 108
Silver lead, corrosion, 2926
– – potentiometric, thermodynamics, 5277
– – voltammetric, 2926
– nitrate, activity (*l*), 1803, 4191
– – potentiometric (*l*), 4191
– – solvent (for) electrolysis (*l*), 5595
– – lithium nitrate, conductometric (*l*), 3390
– – potassium nitrate, chronopotentiometric (*l*), 3750
– – – – conductometric (*l*), 3390
– – sodium nitrate, chronopotentiometric (*l*), 3750
– – – – conductometric (*l*), 3390
– halides, potentiometric, stability, 3225
– (II) oxide, electrode, anodic behavior, 4803
– (I–II) oxide electrode, capacitance, 4804
– oxide silver, redox electric tension, 5250
– – tellurium (IV) oxide vanadium (V) oxide, glasses, conductometric, 1517
– palladium, hydrogen diffusion (in), 891
– perchlorate, conductometric, 4388
– – polarographic, voltammetric, 4017
– potassium silver thiocyanate–perylene–iodine battery, 878
– rubidium iodide, conductometric (*s*), 4393
– – – carbon interphase, impedance, 1796
– – – platinum interphase, impedance, 1796
– selenide mercury (II) iodide silver iodide, conductometric (*s*), 3416
– silver bromide electrode porous, 2260
– – chloride electrode, non aqueous, 4142
– – – – – porous, 2232
– – – – porous, 2260
– – – – S.E.T., 2258, 2259
– – iodide electrode, photoelectrochemistry, 5909
– – – thermocell, 444
– – iodotungstate– silver sulfide– gold, conductor, 108
– – oxide, redox electric tension, 5250
– – sulfide, potentiometric, thermodynamics (*s*), 3218
– – sulfobromide gold bromide, battery, 3790
– sodium fluoride, interphase, double layer, 1771
– sulfide electrode, ceramic, 3219, 3221, 3222
– – – potentiometric, redox behavior, 445
– – – (for) chronopotentiometry, 828
– – – selective, 3220, 5280, 5508
– – mercury (II) iodide silver iodide, conductometric (*s*), 3416
– – silver, potentiometric, thermodynamics (*s*), 3218
– – – iodide electrode, ceramic, 3223
– sulfobromide, conductometric (*s*), 4393
– tin, activity (*s*), 1790
– – anodic behavior, 156
– – galvanometric (*s*), 1790
– – voltammetric, 156
Simazine, (in) soil, conductometric, 5569
Slags, potentiometric, 529
Soaps, glycerol (in), 3551
Soda lime silica glass, electrolytic, 5608

Sodium (I), activity, 50, 1278
– – adsorption on carbon platinized, 1743
– – – – mercury, 795, 1741
– – – – nickel, 2690
– – – – platinum, 1744, 5819
– adsorption (on) platinum platinized, 1742
– (I), (in) biological membrane, activity, potentiometric, 1282
– (in) blood, potentiometric, 2239, 5233
– (I), cathodic behavior, 2099, 3036, 3919
– chloride (in), 4296
– (I), chronopotentiometric, 3749
– – conductometric, 50, 1448
– (in) corn tissue, potentiometric, 2240
– electrode glass, 4149 ; (*l*) 1271
– – selective, 4153, 5233, 5234
– – – resistence, 5234
– electrolytic (*l*), 5494
– (I), electromigration (*l*), 4379, 5687
– – electrophoretic, 4584 ; (*l*) 1615
– – galvanostatic, 4957
– – mobility, 602, 742 ; (*s*) 4762 ; (*l*) 3389, 3390
– (in) myocardium, potentiometric *in vivo*, 2231
– oxygen (in) (*l*), 4274
– (in) pharmaceuticals, potentiometric, 5239
– (I), polarographic, 1128, 2099, 3036, 4957
– potentiometric (*s*), 2237
– (I), potentiometric, 419, 1278, 2240, 5235
– – reaction (with) benzene nitro–, polarographic, 2097
– – S.E.T. (*l*), 1283
– – solvation, 1488
– stripping, 4957
– (in) tissue, potentiometric, 1281, 2240
– (I), transport, 842, 3749, 4957 ; (*l*) 3556, 5687
– – – numbers, 602, 2734, 4383 ; (*l*) 3176, 3390, 3400 ; (*s*) 2237
– (I), voltammetric, 2922, 3919, 3920
– – Walden product, 5485
– (in) waste water, potentiometric, 4150
– acetate, amperometric, 381, 393
– – conductometric, 2401 ; (*l*) 3401, 4387
– – coulometric, 381, 393
– – potentiometric, 393, 3336
– – nitrilo–, potentiometric, 1277
– – potassium acetate, conductometric (*l*), 3401
– – – – solvent (for) chronopotentiometry, voltammetry (*l*), 122
– aluminate sodium carbonate sodium hydrowide, conductometric, 3397
– aluminum oxide iron doped, galvanic cell, 4801
– – – sulfur, cell, 3788
– – tetrabutyl–, conductometric, 4384
– amalgam, adsorption (on), 1762
– – decomposition, 5972
– – electrode, electrocapillarity, 1762
– antimony, electrolytic, thermodynamics (*l*), 4469
Sodium, arsenic, electrolytic, thermodynamics (*l*), 4469
– benzenesulfonate, conductometric (*l*), 4387
– benzoate, conductometric, 3399
– – corrosion inhibitor, 5959
– – oscillometric, 856
– – potentiometric, 3336
– – hydroxy–, conductometric, 3399
– bismuth, potentiometric, thermodynamics (*l*), 2238
– barbital, potentiometric, 3336
– borate, potentiometric, 3336
– bromide, activity, 2236
– – association, 601, 3398
– – conductometric, 601, 3385, 3398
– – potentiometric, 2236, 4155, 5227
– – thermodynamics, 4155, 5227
– – potassium bromide, potentiometric, thermodynamics, 420
– – silver bromide diffusion electric tension (*l*), 3180
– – – – solvent (for) electrochemistry (*l*), 5899
– – – chloride, diffusion electric tension (*l*), 3180
– – sodium chromate, conductometric (*l*), 4386
– bromoaluminate, solvent (for) coulometry (*l*), 475
– – – – potentiometry (*l*), 474, 475
– butalbital, potentiometric, 3336
– butanoate, association, potentiometric, 5238
– cadmium, electrolytic, thermodynamics (*l*), 4469
– calcium chloride sodium chloride, conductometric (*l*), 5494
– carbonate, (in) glass, potentiometric, 1274
– – potentiometric, 3336 ; (*l*) 1284
– – (in) waste water, potentiometric, 1273
– – lithium carbonate, conductometric (*l*), 1499
– – potassium carbonate, conductometric (*l*), 1499
– – sodium aluminate sodium hydroxide –, conductometric, 3397
– chloride, activity, 2236, 2241, 4153, 5236, 5237
– – association, 601
– – brine, electrolytic, 4471
– – – – bubble effect (on), 673
– – conductometric, 601, 604, 1503, 2400, 2401, 3408, 4875, 5491 ; (*s*) 3841, 4380, 4381 ; (*l*) 2397, 3393, 3394
– – electrolytic, 1556, 4472, 5581 ; (*l*) 3393
– – – theory, 4470, 5580
– – electrolyzer (with) diaphragm, review, 5580
– – electroosmotic, 1789
– – equivalent noise, conductance, 4875
– – junction electric tension, theory, 7
– – potentiometry, 2236, 2241, 4153, 4164, 5227, 5228, 5236
– – purity, 2101

Sodium chloride, (in) sea water, (by) capacitance measurements, 4743
– – self-diffusion, 5491
– – solvent (for) chronopotentiometry (*l*), 3753
– – – – potentiometry (*l*), 3272
– – thermodynamics, 5227, 5228, 5237
– – transport, 5228
– – – heat, 4164
– – – numbers, 4375
– – aluminum chloride, solvent (for) chronoamperometry, chronopotentiometry (*l*), 3925
– – – – – – electrolysis (*l*), 234
– – – – – – polarography (*l*), 3925
– – – – – – potentiometry (*l*), 448, 2273, 3179, 3925, 4293
– – – – – – voltammetry (*l*), 234, 2079, 3925, 3943
– – – – potassium chloride, solvent (for) potentiometry (*l*), 4223
– – – fluoride, solvent (for) electrolysis (*l*), 4496
– – barium chloride, potentiometric (*l*), 3175
– – calcium chloride, potentiometric (*l*), 3175
– – beryllium chloride, solvent (for) potentiometry voltammetry (*l*), 4974
– – calcium chloride sodium, conductometric (*l*), 5494
– – – sulfate, conductometric, 5490
– – cerium (III) chloride, potentiometric (*l*), 3175, 4148
– – – – – thermodynamics (*l*), 4148
– – cesium chloride, solvent (for) electrocapillarity measurements (*l*), 2732
– – cryolite, conductometric (*l*), 2404
– – indium (I) chloride zinc chloride, solvent (for) potentiometry (*l*), 3268
– – lanthanum chloride, potentiometric, thermodynamics (*l*), 4154
– – lithium chloride vanadium (II) chloride, solvent (for) electrolysis (*l*), 3492
– – magnesium chloride, conductometric (*l*), 2398
– – – – potentiometric (*l*), 3175
– – platinum interface, current (through), 5844
– – potassium bromide potassium iodide, conductometric, 5490
– – – chloride, junction electric tension, 414
– – – – solvent (for) electrolysis (*l*), 4493
– – – – – – potentiometry (*l*), 1402, 3240, 3295, 4166
– – – – – – voltammetry (*l*), 163
– – – fluoride potassium fluorotitanate, solvent (for) electrolysis (*l*), 5611
– – silver bromide, diffusion electric tension (*l*), 3180
– – – chloride, conductometric (*s*), 4380
– – – – diffusion electric tension (*l*), 3180
– – sodium, conductometric (*l*), 5494
– – strontium chloride, potentiometric (*l*), 3175, 3176
Sodium chloroaluminate, solvent (for) coulometry (*l*), (*s*), 475
– – – – potentiometry (*l*), 474, 475, 4223
– chromate sodium bromide, conductometric (*l*), 4386
– citrate, oscillometric, 856
– – potentiometric, 3336
– (I), complexes, association, 1503, 3402
– – – conductometric, 3395, 3402, 5489, 5495
– – – potentiometric, 422, 4156
– – – stability, 5495
– dichloroisocyanurate, cathodic behavior, voltammetric, 4958
– dichromate, electrolytic, electromigration, 672
– diethyldithiocarbamate, anodic behavior, polarographic, 273
– – complexes, polarographic, 133
– dodecylbenzenesulfonate, activity, potentiometric, 421
– dodecyl sulfate, conductometric, 608
– – – membrane, electric tension, 1279
– – – potentiometric, 1278
– – – reaction (with) poly(lysine) potentiometric, 1280
– – – complexes, conductometric, 608
– dresinate, electrophoretic, 5685
– fluoride, conductometric (*l*), 4377, 4385
– – potentiometric, 5227
– – thermodynamics, 5227 ; (*l*) 4385
– – aluminum fluoride, conductometric (*l*), 3392
– – – – calcium fluoride, solvent (for) conductometry (*l*), 2405
– – – – sodium chloride, solvent (for) electrolysis (*l*), 4496
– – beryllium fluoride lithium fluoride, solvent (for) chronopotentiometry (*l*), 2728
– – lithium fluoride potassium fluoride, solvent (for) chronoamperometry (*l*), 187
– – – – – – – – chronopotentiometry (*l*), 187, 5405
– – – – – – – – potentiometry (*l*), 187, 2342, 5405
– – – – – – – – voltammetry (*l*), 187, 5405
– – silver, interphase, double layer, 1771
– formate, conductometric, 2401
– – potentiometric, 3336
– glycodeoxychlolate, conductometric, 1507
– hexacyanoferrate (III), activity, potentiometric, 1276
– hexafluoroaluminate, *see* Cryolite
– hexafluorosilicate, conductometric, 3396
– hydrogen sulfate potassium hydrogen sulfate, solvent (for) voltammetry (*l*), 2988
– – sulfite, polarographic, 4059
– hydroxide, electrolytic, 1554
– –Hall effect, 5922
– – polarographic, 5084
– – potentiometric, 2843, 3177 ; (*l*) 1284
– – lead (II) oxide, solvent (for) electrolysis (*l*), 4504

Sodium hydroxide potassium hydroxide, solvent (for) chronopotentiometry (*l*), 4749
– – sodium aluminate sodium carbonate, conductometric, 3397
– iodide, activity, 1275
– – adsorption (on) mercury, 1336, 1337
– – association, 3388
– – conductometric, 605, 1505, 1506, 2402, 2403, 3388, 4374, 5492, 5493
– – ionization, 1506, 5493
– – potentiometric, 1275, 4155, 5227
– – solvation, 2402
– – solvent (for) conductometry (*l*), 640
– – thermodynamics, 4155, 5227, 5493
– – Walden product, 605
– – copper (I) iodide, potentiometric, thermocell, thermodynamics (*l*), 3181
– – silver iodide, potentiometric, thermocell, thermodynamics (*l*), 3181
– lauryl sulfate, adsorption (on) mercury, 1099
– – – – – – – dropping, polarographic, voltammetric, 1099
– lead, electrolytic, thermodynamics (*l*), 4469
– lithium sulfate, conductometric (*l*), 595; (*s*) 595
– – – electromigration (*s*), 4762
– malonate, potentiometric, 3336
– metaphosphate, conductometric (*l*), 602
– – solvent (for) potentiometry (*l*), 5399
– metoxide, association, conductometric, 1498
– – polarographic, 5084
– molybdate sodium nitrate, conductometric (*l*), 1508
– – – nitrite, conductometric (*l*), 1508
– nembutal, potentiometric, 3336
– nitrate, association, 601, 1501, 1502
– – conductometric, 601, 1501, 1502, 3385
– – solvent (for) impedance measurements (*l*), 2740
– – – – potentiometry (*l*), 447
– – – – voltammetry (*l*), 1994
– – transport numbers (*l*), 3389
– – barium nitrate, solvent (for) potentiometry (*l*), 3226
– – calcium nitrate, solvent (for) potentiometry (*l*), 5302
– – lithium nitrate potassium nitrate, solvent (for) capacitance measurement (*l*), 4512
– – – – – – – – – electrochemistry (*l*), 5902
– – – – – – – – – electrolysis (*l*), 4512
– – potassium nitrate, potentiometric (*l*), 2242
– – – – solvent (for) chronopotentiometry (*l*), 4986
– – – – – – – electrolysis (*l*), 4488
– – – – – – – potentiometry (*l*), 447, 450
– – – – – – – voltammetry (*l*), 3948, 4977, 4986
– – silver nitrate, chronopotentiometric (*l*), 3750

Sodium nitrate silver nitrate conductometric (*l*), 3390
– – sodium molybdate, conductometric (*l*), 1508
– – – tungstate, conductometric (*l*), 1508
– nitrite potassium nitrite, solvent (for) voltammetry (*l*), 3949
– – sodium molybdate, conductometric (*l*), 1508
– – – tungstate, conductometric (*l*), 1508
– oleate, electrophoretic, 5685
– oxalate, potentiometric, 3336
– oxide, (in) aluminum oxide, activity, potentiometric (*s*), 1342
– – aluminum oxide, deposition, electrolyte (for) battery, electrophoretic (*s*), 3972
– – oscillometric, 4929
– – aluminum oxide, electrolyte (for) battery (*s*), 3792
– – – – electrophoretic, 3792
– – – – potentiometric (*s*), 2237
– – – – transport numbers (*s*), 2237
– – germanium oxide, potentiometric (*l*), 3178
– – molybdenum (VI) oxide, solvent (for) electrophoresis (*l*), 5687
– – silicon oxide, charge transfer (*l*), 132
– – – – oxygen diffusion (in), chronoamperometric (*l*), 1777
– – – – glass, impedance, 1795
– – tungsten (VI) oxide, solvent (for) electrophoresis (*l*), 5687
– paxital, potentiometric, 3336
– perchlorate, conductometric, 3385, 4374
– – polarographic, 3037, 4017
– – voltammetric, 4017
– – lithium perchlorate, conductometric, electrophoretic, transport numbers (*l*), 5483
– peroxydisulfate, conductometric, 2399
– phenobarbital, potentiometric, 3336
– polycrylate, transport numbers, 606
– polyametacrylate, electrophoretic, 5686
– polysulfides, conductometric (*l*), 607
– – potentiometric (*l*), 418
– potassium, potentiometric, thermodynamics (*l*), 5232
– – tartrate, oscillometric, 856
– propane sulfonate dibromo–, electrosynthesis, 5582
– propionate, conductometric, 2401
– salicylate, oscillometric, 856
– – potentiometric, 3336
– – salicylic acid buffer, 4137, 5229
– secobarbital, potentiometric, 3336
– silicate electrode, glass, 229
– sodium chloride, conductometric (*l*), 5494
– sulfate, conductometric (*l*) (*s*), 5481
– – electrolytic, 1555, 5581
– – potentiometric, 4151
– – lithium sulfate potassium sulfate, conductometric (*l*), 3391
– sulfide, platinum poisener, voltammetric, 1072
– – potentiometric (*l*), 1284

Sodium sulfur battery, electrolytes (for) (*s*), 3792
– – cell, electric tension (*l*), 418
– tartrate, oscillometric, 856
– – potentiometric, 3336
– taurodeoxycholate, conductometric, 1507
– tetraborate, buffer, 4137, 5229
– – solvent (for) galvanostatic measurement, potentiostatic measurements (*l*), 1794
– tetrafluoroborate, solvent (for) chronoamperometry, chronopotentiometry, potentiometry, voltammetry (*l*), 186
– tetraphenylborate, conductometric, 1503, 4401
– – diffusion, 4401
– thallium, electrolytic, thermodynamics (*l*), 4469
– thiocyanate, association, 3388
– – conductometric, 3385, 3388
– – potassium thiocyanate, solvent (for) voltammetry (*l*), 151
– thiopental, potentiometric, 3336
– tin, electrolytic, thermodynamics (*l*), 4469
– tungstate, cathodic behavior, 1027
– – electrodialytic, 3759
– – electrolytic, 1027
– – reaction (with) aluminum nitrate, conductometric, potentiometric, 4152
– – – – indium (III) nitrate, conductometric, potentiometric, 4152
– – voltammetric, 1027
– – sodium nitrate, conductometric (*l*), 1508
– – – nitrite, conductometric (*l*), 1508
– tungsten bronze, adsorption (on), anodic behavior, chronopotentiometric, 1986
– – – electrocatalyst, 3802, 5968
– – – electrode, 872
– – – – capacitance differential, 4742
– – – – galvanostatic, 4769
– – – – (for) potentiometry, 5231
– – – – potentiostatic, 4769
– – – electrodeposition, 3474
– – – voltammetric, 1986
Soil, acidity (in), 5222, 5223
– ammonium (in), 1293, 2247
– atrazine (in), 5569
– calcium (in), 1322, 4116, 5293
– chlorine (in), 1414, 2330, 4297, 5233
– cobalt (in), 2006, 2104
– conductance, 5223
– copper (in), 2104, 3751
– magnesium (in), 1322, 4116
– manganese (in), 1783, 2104
– methylnitrophos (in), 3145
– nitrate (in), 2247, 3074, 5347
– propazine (in), 5569
– selenium (in), 1166
– simazine (in), 5569
– sulfate (in), 2317
– sulfide (in), 1387
– vanadium (in), 2136
– zinc (in), 1783, 2006, 2104, 4752
Solid liquid interface, conductance, 1908
– – – reactions, kinetics, theory, 1920
Somatomedin, bovine, electrophoretic, 2628
Sorbaldehyde, *see* Hexanedial
Sorbitol nitro–, polarographic, 1235
Sovocaine, electrophoretic, 4606
Sparteine sulfate, potentiometric, 3337
Spectroelectrochemistry, instrumentation, 1016
– review, 1830
– theory, 1
Spermatozoa, human, conductometric, surface charge, 3470
Sphingomyelin tocopherol membranes, conductometric, 668
Spiramycine, electrophoretic, 3575
STA–SS, coulometer, 3540
Stability constants, accuracy, data processing, 2839
– – polarographic, 38
– – potentiometric, 2839
– – theory, 38
Stack gases, fluoride (in), 4918
Starch, (in) baking, polarographic, review, 2200
– synthetase, maize, electrophoretic, 2670
Stearic acid, *see* Octadecanoic acid
Steel, anodic behavior, 2738, 2781
– carbon (in), 4932; (*l*) 482
– chronopotentiometric, 886
– cobalt (in), 543
– copper (in), 2103
– corrosion, 885, 2781, 4819, 5949
– – inhibition, 2738, 5959
– – protection, 886
– deoxidation, 3289
– electric tension, *Bacillus tumescens*, effect (on), 3322
– manganese (in), 2103
– mild, cathodic behavior, hydrogenation, 5979
– molybdenum (in), 4117
– oxygen (in), 3289; (*l*) 482, 4564, 5362
– passivation, 5966
– phosphorous (in), 4117
– potentiometric, 3289
– potentiostatic, 2738
– stainless, anodic behavior, 736
– – austenitic, anodic behavior, 2766
– – – ferrite (in), 1015
– – – potentiostatic, 2766
– – corrosion, 885
– – electrode, (for) potentiometry, 5409
– – ferritic, anodic behavior, potentiostatic, 2766
– Kh 18N10T, anodic behavior, 1819
– – – – voltammetric, 220
– – – 40, adsorption (on), corrosion, 3902
– – passivation, 736
– – St–10, corrosion inhibition, 5958
– tungsten (in), 3159
– voltammetric, 886, 5949, 5966
Stern–Geary method, 3821
Stibine, *see also* Antimony hydride
– voltammetric, 4966

Stilbendiolate, ketolization, voltammetric, 228
Stilbene, radical anion, electrochemiluminescence, 5874
– chloro–, polarographic, polymerization, 5155
– dibenzoyl–, cathodic behavior, polarographic, voltammetric, 2993
– dimethylamino–, polarographic, polymerization, 5155
Stoichiometric number, 4838
Streaming electric tension, instrumentation, 3897
– – – theory, 946
Streptomycin, electrophoretic, 2531, 3575
– dihydro–, electrophoretic, 2531
Stripping, analytical applications, 3912
– anodic (with) collection, technique, 2011
– high speed, computerization, instrumentation, 9
– instrumentation, 91, 93, 980
– review, 4940
– theory, 1888
Strontium (II), adsorption (on) hematite, 5402
– cathodic behavior, 272, 3919
– (II), diffusion, 749
– – electrode, selective, 1320
– – electromigration, 749
– – electrophoretic, 945
– isotopes separation, electrophoretic, 5559
– (II), mobility (*l*), 3389
– – polarographic, 272, 2101
– – potentiometric, 2266
– – solvation, 2395
– trace analysis, 2101
– (II) transport numbers (*l*), 3176
– – voltammetric, 2922, 3919
– chloride, conductometric, carbohydrates effect (on), 2408
– – cesium chloride, potentiometric (*l*), 3176
– – lithium chloride, potentiometric (*l*), 3175, 3176
– – potassium chloride, potentiometric (*l*), 3175, 3176
– – rubidium chloride, potentiometric (*l*), 3176
– – sodium chloride, potentiometric (*l*), 3175, 3176
– (II) complexes, electrophoretic, 2250
– – – potentiometric, 461, 2250, 3238, 5289, 5294
– – – stability, 461, 2250, 3238, 5289, 5294
– oxide, conductometric, transport numbers (*s*), 4408
– – cerium (IV) oxide, conductometric (*s*), 625
– perchlorate, conductometric, 1520, 2395
– – polarographic, voltammetric, 4017
– zirconate, potentiometric, thermodynamics (*s*), 5295
Strychnine, electrodialytic, 1966
– nitrate, potentiometric, 3337
– sulfate, potentiometric, 3337
Styphnic acid, polarographic, 2201
Styrene, *see also* Benzene vynil–
– anodic behavior, 1109
– oxidation (by) osmium (VIII), 5636
– polarographic, 3122
– radicals, polarographic, 5147
– voltammetric, 1109
– (in) waste water, polarographic, 4088
– dibenzoyl–, cathodic behavior, polarographic, voltammetric 2993,
– copolymers sulfonated, potentiometric, 567
– maleic anhydride copolymer, anodic behavior, electrolytic, 2482
– nitro–, cathodic behavior, 335, 1208
– – conductometric, 335
– – polarographic, 335, 1208
Styrylphenyl sulfochloride, polarographic, 322
Suberaldehyde, *see* Octanedial
Suberic acid, ionization, potentiometric, 3339
Succinate, electrophoretic, 3568
– complexes, potentiometric, stability, 4208
Succinic acid, *see also* Butanedioic acid
– – adsorption (on) mercury, 1763
– – amperometric, 1257, 2508
– – anodic behavior, 2482
– – conductometric, 3458
– – coulometric, 2508
– – electrolytic, 2482
– – ionization, 1456, 1457, 1458, 3338, 3339, 3458
– – potentiometric, 1458, 2508, 3338, 3339
– – alkenyl–, derivatives, corrosion inhibitors, 1852
– – amino–, *see* Aspartic acid
– – complexes formation, hydrolysis, 5357
– – – potentiometric, 2286, 5357
– – dihydroxy–, *see also* Tartaric acid
– – dimercapto–, complexes, potentiometric, stability, 494
– – hydroxy–, *see also* Malic acid
– – mercapto–, potentiometric, 5429
– – methylene–, *see also* Itaconic acid
– semialdehyde dehydrogenase, *Pseudomonas*, electrophoretic, 5782
Succinimide dioxime, potentiometric, 5435
– – diphenyl– derivatives, 5435
– – potentiometric, 5435
Succinonitrile complexes, conductometric, 1536
Sucrose, conductometric, 1910, 2408, 5566
– hydration, 1910
– ionization, potentiometric, 1263
– purity, 5566
– solvent (for) potentiometry, 1263
– complexes, polarographic, 3047
Sugar, acidity (in), calcium (in), 4410
– chloride (in), 5389
– conductometric, 4410
– iron (in), 5135
– reducing, potentiometric, 2354
Sulfacetamide, polarographic, 5171
Sulfacarbamide, coulometric, potentiometric, trace analysis, 4574

Sulfadiazine, potentiometric, 3337
Sulfadimethoxine, amperometric, potentiometric, 396
Sulfamidine, amperometric, 5207
Sulfadrugs, potentiometric, 590
Sulfafurazol, potentiometric, 3337
Sulfaguanidine, coulometric, 4574
– polarographic, 5171
– potentiometric, 4574
Sulfamerazine, coulometric, 4574
– potentiometric, 3337, 4574
Sulfamethazine, amperometric, 396
– potentiometric, 396, 3337
Sulfamethizole, bromination, coulometric, 741
Sulfamethoxydiazine, potentiometric, 3337
Sulfamethoxypyrazine, amperometric, potentiometric, 396
Sulfamethoxypiridazine, amperometric, 396
– potentiometric, 396, 3337
Sulfamic acid, coulometric, primary standard, purity, 732
Sulfamide, polarographic, 5171
Sulfamoxol, potentiometric, 3337
Sulfanilamide, coulometric, 4574
– potentiometric, 4334, 4574
– trace analysis, 4574
– derivatives, amperometric, potentiometric, 396
Sulfantrol, potentiometric, 4347
Sulfaphenazole bromination, coulometric, 741
Sulfate, adsorption (on) hematite, 2689, 5402
Sulfatase(s), electrophoretic, 2667, 2668, 2669
Sulfate, adsorption (on) iridium, 1588, 1738
– – – mercury, 797, 3721
– – – nickel, 2690
– – – platinum, 804, 805, 3718, 4711
– – – – platinized, 3722
– amperometric, 5198
– diffusion, 749
– (in) dyes, potentiometric, 5364
– electrode selective, 520
– electrolytic, electromigration, 5617
– electrophoretic, 2906, 3562
– potentiometric, 519, 520, 1310, 4275, 5351
– (in) silicate, polarographic, 1157
– – soil, (in) water, potentiometric, 2317
– complexes, conductometric, 5523
– – potentiometric, 5411
– – stability, 5523, 5411
Sulfathiazole, corrosion inhibitor, 5947
– coulometric, 4574
– polarographic, 5171
– potentiometric, 3337, 4574
– methyl–, succinyl–, potentiometric, 3337
Sulfenamide derivatives, amperometric, 5204
Sulfhydryls, (in) beer, amperometric, 2212
– – dough, (in) flour, amperometric, 1252
Sulfide, anodic behavior, 273
– chronopotentiometric, 828
– coulometric, 3928
– electrode mineral, 515
– – selective, 1297, 1388, 3221, 3222
– – – review, 5332
Sulfide electrode selective, temperature coefficient, 431
– electrosynthesis, 2479, 5615
– (in) lubricants, voltammetric, 3998
– polarographic, 273, 1165, 3085, 3968, 4057, 5124
– potentiometric, 1297, 1386, 1387, 1388, 3221, 3294, 4279
– – review, 5332
– (in) soil, potentiometric, 1387
– – waste water, amperometric, 1251
– – water, potentiometric, 5280
– ores, anodic behavior, 4830
Sulfisomidin, coulometric, potentiometric, trace analysis, 4574
Sulfite, anodic behavior, 690
– coulometric, 728
– electrolytic, 690
– potentiometric, 516, 517, 1386
– reaction (with) cerium (IV), potentiometric, 4241
– – – hexacyanoferrate (III), potentiometric, 517
– – – hydrogen peroxide, potentiometric, 4144
– – – permanganate, potentiometric, 518
– complexes, potentiometric, stability, 2340
– dithionite, redox electric tension, 1390
– thiosulfate, S.E.T., 1390
Sulfolane, acidity (in), 405
– conductometric, 3411
– solvent (for) conductometry, 3169, 4391, 5486
– – – potentiometry, 405, 3169
– diol complexes, potentiometric, stability, 497
Sulfonamides, coulometric, 4574
– polarographic, 5171
– potentiometric, 3337, 4574
– azodye derivatives, polarographic, 5171
Sulfonate aromatic, electrode selective, potentiometric, 568
Sulfone(s), cathodic behavior, 2181
– electrosynthesis, 1589, 2479, 5615, 5638
– polarographic, 2181
– allylmethyl–, diallyl–, dimethyl–, electrosynthesis, 1589
Sulfonic acids, (in) copolymers, potentiometric, 3343
– – – hydrocarbons sulfoxidated, potentiometric, 1392
– – – toluene, conductometric, 4427
Sulfonium cyclic derivatives, cathodic behavior, coulometric, voltammetric, 3009
– electrolytic, 3476
Sulfonol NP–3, electrophoretic, 5685
Sulfonyl chlorides, electrolyte, 2479, 5615
Sulfur, activity (*l*), 418
– adsorption (on) platinum, 4955
– – – silver, 2000
– amperometric, 5201
– analyzer, portable, 2898
– cathodic behavior, 3084, 5013, 5014
– chronopotentiometric, 5014

Sulfur, (in) coal, potentiometric, 4275
– conductometric (*l*), 607
– coulometric, 5014
– electrolytic, 5013
– (in) gallium phosphide, coulometric, 5672
– – gasoline, potentiometric, 3292
– – hexane, coulometric, 3928
– – organics, potentiometric, 2315
– – petroleum, potentiometric, 513
– – plutonium, potentiometric, 3293
– polarographic, 3084
– potentiometric (*l*), 418
– (in) titanium chloride, polarographic, trace analysis, 4057
– – uranium, potentiometric, 3293
– voltammetric, 200, 201, 5013, 5014; (*l*) 202, 2964
– (in) zirconium chloride, polarographic, trace analysis, 4057
– aluminum oxide sodium, cell, 3788
– chloride, potentiometric, 514
– compounds, cathodic behavior, voltammetric, 4966
– (IV) dilactones, cathodic behavior, voltammetric, 5015
– organocompounds, potentiometric, 1385
– – titrants (for) amperometry, review, 392
– (IV) oxide, adsorption (on) platinum, 203
– – – (in) air, potentiometric, 4277
– – – anodic behavior, 203
– – – cathodic behavior, 1071, 5014
– – – (in) chimney gas, potentiometric, 516
– – – chronoamperometric, 5014
– – – conductometric, 649
– (VI) oxide conductometric, 4427
– – – coulometric, 5014
– – – electrode selective, 2291
– – – electrode, solid state, 3264
– – – (in) flue gases, potentiometric, 2316
– – – – gases, coulometric, 2898
– – – potentiometric, 2291
– (VI) oxide, reaction (with) nitrosyl chloride, conductometric, 5534
– (IV) oxide, solvent (for) conductometry (*l*), 3388, 5534
– – – – – potentiometry (*l*), 4190
– – – (in) sulfite, coulometric, 1612
– – – voltammetric, 203, 1071, 5014
– – – (in) waste gases, amperometric, 2885
– – – – wine, potentiometric, 1389
– – – complexes, potentiometric, stability, 4190
– (VI) oxide, sulfuric acid, conductometric, 1537
– peroxide, electrosynthesis, 5618
– sodium battery, electrolyte (for) (*s*), 3792
– – cell, electric tension (*l*), 418
– tetranidride, voltammetric, 2964
– thallium, potentiometric (*s*), 5317
– titanium, conductometric (*l*), 5532
– water, electric tension *vs.* pH diagram, 1264
Sulfuric acid, anodic behavior, 3495
– – chronoamperometric, 2045
– – conductometric, 4427, 5540
Sulforic acid, electrolytic, 940, 3493, 3495, 5616
– – potentiometric, 1393, 2275, 4151
– – solvation, 5540
– – voltammetric, 2045
– – purification, 185
– – oxidation products, adsorption (on) platinum, 5616
– – sulfur (VI) oxide, conductometric, 1537
– – water, electrochemical behavior, 2800
Superoxide, electrogeneration, 2038
– dismutase, electrophoretic, 1703
– – bovine liver, electrophoretic, 4679
Superphosphate, iron (in), zinc (in), 5096
Surfactants, activity, 421, 4353
– electrode selective, 4352, 4353
– potentiometric, 421, 4353
– voltammetric, 266
Suspension(s), adsorption (on), electric tension, 4351
– electrophoretic, 1006
– granulometry, conductometric, review, 996
– zeta electric tension, 1006
SV–105 surfactant, electrophoretic, 5685
Sweat, chloride (in), 3312
Sydnones, cathodic behavior, polarographic, 4103
Sydnonimines, polarographic, 4103
Synthetases, electrophoretic, 1723, 1724, 2670, 5797, 5798, 5799, 5800
– cow mammary gland tissue, electrophoretic, 1723

Taka amylase, electrophoretic, 5777
Tantalum, adsorption (on), 64, 3913
– anodic behavior, 3745, 3772, 3908; (*l*) 3966
– chronopotentiometric (*l*), 5010
– (III), electric tension (*l*), 4271
– electrode, overtension (on), 3913, 4948
– – oxidized, capacitance, electrolytic, resistance, 4512
– electrodeposition (*l*), 3966
– electrolytic, 3745
– hydrogen diffusion (in), 891
– redox behavior, theory, 3230
– transport number (*s*), 3772
– voltammetric (*l*), 3966, 5010
– (V) complexes, conductometric, 1536
– – – potentiometric, stability, 497
– fluoride, potentiometric, thermodynamics, review (*s*), 1377
– oxide, anodic behavior, ion, implantation effect (on), 4828
– – electrode, capacitance, 3745
– (V) oxide electrode, tissue stimulator, 3805
– oside, electrolytic, 3745
– – potentiometric, thermodynamics, review (*s*), 1377
– (V) oxide tantalum, conductometric, 1063
– – – – impedance (*s*), 3906
– – – – ion current transient, 3780
– – – – voltammetric, 1063

Tantalum, tantalum (V) oxide, conductometric, 1063
– – – – impedance (*s*), 3906
– – – – ion current transient, 3780
– – – – voltammetric, 1063
– titanium, anodic behavior, 4817
– tungsten, potentiometric, thermodynamics (*s*), 5358
Tartaric acid, *see also* Succinic acid dihydroxy–
– – activity, 2357
– – deprotonation, 866
– – ionization, 1432, 3274
– – oscillometric, 5563
– – potentiometric, 1432, 2357, 3274, 4303
– – potentiostatic, 866
– – reaction (with) permanganate, potentiometric, 4303
– – complexes, polarographic, 291, 5111
– – – potentiometric, 498, 1350, 1432, 3274, 3299
– – – stability, 498, 1432, 3274, 3299, 5111
– – – thermodynamics, 498
Taurine complexes, potentiometric, 3326, 5419
– – stability, 3326
Technetium (VII), *see also* Pertechnetate
– coulometric, 727, 3539
– (IV) complexes, conductometric, 3318
– (V) complexes, conductometric, 3318
– (IV) complexes, potentiometric, 3318
– (V) complexes, potentiometric, 3318
– (IV–V) complexes, redox electric tension, 3318
Teflon membrane, electrokinetics, 1625
Tellurate, *see also* Tellurium (VI)
– complexes, voltammetric, 148
Telluric acid complexes, potentiometric, stability, 2272
Tellurite, *see also* Tellurium (IV)
– complexes, potentiometric, stability, 2340
Tellurium (IV), *see also* Tellurite
– (VI), *see also* Tellurate
– amperometric, 1253
– (IV), amperometric, 205, 1253, 2213
– anodic behavior, 1073, 1582
– cathodic behavior, 123
– (IV), cathodic behavior, 829, 5125, 5126
– chromatopolarographic, 297
– (IV), chronopotentiometric, 829
– – coulometric, 723
– electrodeposition, 682, 4513
– (in) gallium antimonide, polarographic, 5097
– polarographic, 276, 297, 4018
– (IV), polarographic, 5125, 5126
– – potentiometric, 205
– stripping, 204
– voltammetric, 123, 1073
– (IV) chloride, complexes, conductometric, 1538, 4419
– chromium selenium, conductometric (*s*), 3442
– (IV) complexes, cathodic behavior, 205
Tellurium (II) complexes, potentiometric, 3245
– (III) complexes, potentiometric, 5322, 5326
– (IV) complexes, potentiometric, 3245
– – – voltammetric, 205
– compounds, cathodic behavior, voltammetric, 4966
– (VI) heteropolyacids, ionization, potentiometric, 4282
– (IV) oxide, potentiometric, thermodynamics (*s*), 3282
– – – silver oxide vanadium (V) oxide glasses, conductometric, 1517
Terbium (III) complexes, conductometric, 3427, 3428
– – – formation, 5322, 5326
– – – potentiometric, 479, 1348, 2287, 3260, 4235, 4239
– – – stability, 479, 1348, 2287, 3260, 4239
– – – thermodynamics, 4239, 5322, 5326
– perchlorate, complexes, conductometric, 4425
Terephthalate tetrachloro–, polarographic, 1212
Terephthalic acid, *see also* Benzene dicarboxylic acid
– – complexes, amperometric, 2207
– – dithiol–, complexes, amperometric, conductometric, 387
– – hydrazide, polarographic, 353
– – substituted, complexes, cathodic behavior, polarographic, voltammetric, 2109
Terpenoids, adsorption (on) cadmium amalgam dropping, 5838
Terphenyl, conductometric (*s*), 3461
– electrochemiluminescence (*l*), 3012
Terpyridine complexes, cathodic behavior, polarographic, 1090, 5034
– – potentiometric, stability, 3197
– – voltammetric, 1090, 5034
Tetraacetic acid derivatives, technetium-labelled, electrolytic, 4502
– – – complexes, polarographic, 3090, 5100
– – – – potentiometric, 4212, 4236
– – – – stability, 4212
– – substituted, diffusion, 1127
– – – electrode reactions, 1814
– – – reaction (with) hydroxyl radical, polarographic, 1127
– – – complexes, adsorption (on) mercury dropping, 2119
– – – – cathodic behavior, 2114, 2133
– – – – conductometric, 4382
– – – – diffusion, 1127
– – – – electrophoretic, 1616, 1619, 1620
– – – – ionization, 3097
– – – – polarographic, 1127, 2114, 2119, 2133, 2876, 3097, 4076, 5128
– – – – potentiometric, 1421, 2251, 2265, 3197, 3205, 4235
– – – – S.E.T., 3273
– – – – stability, 1046, 1348, 1619, 1620, 2133, 2251, 2265, 3197, 3205, 4235
– – – – stripping, 1046

Tetraacetic acid derivates, complexes, voltammetric, 1035, 2876
Tetraamine complexes, tripod- like, conductometric, 4413
Tetraaza annulene complexes, cathodic behavior, electrolytic, voltammetric, 5591
– complexes macrocyclic, electrochemical behavior, 4489
– dicycloheptadecapentaene dimethyl–, complexes, conductometric, ionization, 1522
– porphin tetrabenzo–, electrochemiluminescence, 5876
Tetraazododecane, ionization, potentiometric, 5258
– complexes, potentiometric, stability, 5258
Tetracain, coulometric, potentiometric, 4574
– hydroxy–, coulometric, potentiometric, 4574
Tetracene, *see also* Napthacene
– electrochemiluminescence, 1887
– voltammetric, theory, 2828
– tetrathio–, anodic behavior, electrolytic, voltammetric, 4010
Tetracosanic acid, electrosynthesis, 5649
Tetracyanocobaltate (III) complexes, cathodic behavior, polarographic, 4073
Tetracyanomolybdate (IV) oxohydroxo–, anodic behavior, polarographic, 4064
– – complexes, conductometric, potentiometric, 5197
Tetracyanoquinodimethane complexes, conductometric (*s*), 1547, 2436, 3454
– polymers, conductometric, 5568, 5570
Tetracyanozincate (II) electrode, selective, 4206
Tetracycline, electrophoretic, 3575
– ionization, potentiometric, 5289
– derivatives, electrophoretic, 3575
– – ionization, potentiometric, 5289
– – complexes, potentiometric, stability, 5289
Tetraethylene pentaamine, potentiometric, 3195
Tetrafluoborate, adsorption (on) carbon, 1109
– electrode, selective, 502
Tetrahydrocorrins complexes, cathodic behavior, polarographic, 3049
Tetraketone(s), electrosynthesis, 717
Tetrakis selenourea complexes, conductometric, 2429
Tetralin tetraoxy–, cathodic behavior, polarographic, 333
Tetramethyl acrylate complexes, cathodic behavior, polarographic, 5161
– phosphonic acid substituted, complexes, potentiometric, stability, 4232
– phosphorodiamide methyl–, solvent (for) potentiometry, voltammetry, 2070
Tetramethylene dibromide, *see also* Butane dibromo–
– sulfone, solvent (for) polarography, 5084
Tetrasulfide, cathodic behavior, polarographic, 4058
Tetrasulfur tetranitride, electrolytic, 2463
Tetrazolium oxidase, *Helix pomatia*, electrophoretic, 2649
Tetren, potentiometric, 3195
Tetrode(s), electrochemical behavior, theory, 59
Tetryl, polarographic, 2201
Thalamide electrode, S.E.T., 2280
Thallium (I), adsorption (on) gold, 3945
– adsorption (on) mercury, 2696
– (I), adsorption (on) mercury, 2696
– – – – nickel, 2693
– adsorption (on) platinum, 4955
– (I), adsorption (on) platinum, 4711, 4887
– – – – silver, 796
– amperometric, 5190
– (I), amperometric, 5193
– (III), amperometric, 1248
– anodic behavior, 136, 1899, 2017, 2750, 5858
– (I), cathodic behavior, 281, 1151, 3945
– chronoamperometric, 5858
– (I), chronocoulometric, 281
– chronopotentiometric, 826, 1010
– corrosion, 2926
– electrode, capacitance differential, 1772
– – double layer, review, 5847
– – electric tension, 5318
– (I) electrode nonaqueous, S.E.T., 4231
– – – S.E.T., 1270
– (I–III) electrode, S.E.T. (*l*), 2281
– (III) electrode, S.E.T. (*l*), 2281
– electrodeposition, 3945
– electron work function, 3867
– (I), electrophoretic, 2513
– – mobility (*l*), 3389
– polarographic, 1899, 4018
– (I), polarographic, 281, 1151, 2831, 4023, 4044
– (0–I), potentiometric, 1270
– (I), potentiometric, 1329, 1347, 5320
– (III), potentiometric, 1248
– redox behavior, theory, 3230
– stripping, 149, 172
– (0–I), thermodynamics, 1270
– voltammetric, 2017, 2926, 3823, 4963
– (I), voltammetric, 172, 907, 3920, 3945
– zero charge point, 1772, 3867, 4963
– amalgam, adsorption (on), 2696
– – anodic behavior, chronopotentiometric, 827
– – electrode, S.E.T., 5319
– antimony bismuth, potentiometric, thermodynamics (*l*), 2279
– (I) chloride electrode, reference, S.E.T., 4186
– (III) chloride complexes, conductometric, 4418
– (I) complexes, adsorption (on) mercury dropping, 5110
– – – amperometric, 387
– – – cathodic behavior, 1151, 5110
– – – chronocoulometric, 5110
– – – conductometric, 387
– (III) complexes, conductometric, 1528

Thallium complexes, polarographic, 5093
- (I) complexes, polarographic, 1151, 2120, 4042, 5110
- (III) complexes, polarographic, 4041, 4045
- – – potentiometric, 4232
- (I) complexes, potentiostatic, 2120, 2282
- – – stability, 2120, 2282, 4042
- (III) complexes, stability, 4041, 4232
- complexes, thermodynamics, 4041
- compounds, cathodic behavior, voltammetric, 4966
- hydride, cathodic behavior, voltammetric, 4966
- (I) iodide, potentiometric, 4225
- lead, corrosion, voltammetric, 2926
- nitrate, association, conductometric, 1502
- (III) oxide, electrode (for) amperometry, 5195
- (I) perchlorate, polarographic, 3037, 4017
- – – voltammetric, 4017
- selenide, conductometric (*l*), 2420
- sodium, electrolytic, thermodynamics (*l*), 4469
- sulfur, potentiometric (*s*), 5317
- tin, double layer, 3741

Thermocells, 4251, 4300
- review, 2833

Theta toxin C, *Clostridium perfrigens*, electrophoretic, 5813

Thiacarbocyanine, redox electric tension, 3359
- diethylmethyl–, cathodic behavior, polarographic, 5177

Thiadiazole, polarographic, 1221
- oxybenzo–, autoprotonation, cathodic behavior, polarographic, 369

Thiadicarbocyanine, redox electric tension, 3359

Thiamine, potentiometric, 1476
- derivatives, activity, polarographic, 1189

Thianthrene, anodic behavior, cathodic behavior, 5061
- cations, cathodic behavior, electrogeneration, voltammetric (*l*), 234
- coulometric, 245
- electrochemiluminescence, 5876 ; (*l*) 3012
- voltammetric, 245, 5061

Thiapentacarbocyanine, redox electric tension, 3359

Thiatetracarbocyanine, redox electric tension, 3359

Thiatricarbocyanine, redox electric tension, 3359
- diethyl–, cathodic behavior, polarographic, 5177

Thiazole aminophenyl–, derivatives, ionization, potentiometric, 5284
- – – complexes, amperometric, conductometric, potentiometric, stability, 5284
- benzo, *see* Benzothiazole
- derivatives, amperometric, 5204
- – catalytic activity, polarographic, 1189
- – potentiometric, 3357
- – quaternization, conductometric, 3465

Thiazolidine imino–, potentiometric, tautomerism, 581

Thiazolylazo dyes, polarographic, 3065
- – complexes, polarographic, 3065

Thienylene substituted, complexes, conductometric, 1548

Thioacids, adsorption, 3479

Thiocyanate, adsorption (on) bismuth, 798
- – – mercury, 3721
- anodic behavior, 4780
- association, 3398
- cathodic behavior, 3086
- conductometric, 3398, 4388
- electrode, selective, 502, 1297, 1359, 4295
- electrophoretic, 744, 3562
- mobility, 742, 744
- polarographic, 1148, 3086
- potentiometric, 468, 1297
- solvation, 1488
- transport number, 4383, 4388
- complexes, adsorption (on) mercury, 806
- – cathodic behavior, 806, 822, 3053
- – chronocoulometric, 822
- – conductometric, 3318, 3422, 3449, 4404, 4422, 5524
- – formation, 5890
- – polarographic, 2015, 3053, 4040, 4042
- – potentiometric, 1330, 3318
- – stability, 1330, 4040, 4042
- – voltammetric (*l*), 206

Thiocyanine, redox electric tension, 3359

Thiols, adsorption, 3479
- coulometric, 4571
- electrophoretic, 2520
- potentiometric, 3332
- (in) proteins, amperometric, 3163
- – – polarographic, 5185
- – wool, amperometric, 1259

Thionine, photo-redox indicator (for) amperometry, 5198
- reaction (with) free radicals, redox electric tension, 4349

Thiophene benzo–, *see* Benzothiophene
- bromoacetyl–, adsorption (on) mercury, cathodic behavior, galvanostatic, 2717
- bromoformyl–, derivatives, cathodic behavior, polarographic, 2189
- derivatives, electrolytic, fluorination, 3514
- dibenzo–, *see* Dibenzothiophene
- iodoformyl–, derivatives, cathodic behavior, polarographic, 2190
- – anodic behavior, bromination, electrolytic, 2493

Thioredoxin, *Escherichia coli*, electrophoretic, 1687

Thiosemicarbazide, electrolytic, 4530
- complexes, polarographic, potentiometric, stability, thermodynamics, 2115

Thiosulfate, coulometric, 3928
- potentiometric, 1386
- reaction (with) hydrogen peroxide, conductometric, 4402
- – – iodine, potentiometric, 2318, 4281

Thiosulfate, transport number, 4383
– complexes, potentiometric, stability, 2340
– sulfite, S.E.T., 1390
Thioxane, electrolytic, fluorination, 1595
– oxide complexes, conductometric, 4425
Thioxanthene, anodic behavior, cathodic behavior, voltammetric, 5061
Thiuram, (in) waste water, polarographic, 1239
– tetraethyl– disulfide, polarographic, 1239
Thorium, amperometric, 1245
– (IV), cathodic behavior, 3073, 3960
– – conductometric, 4432
– (II), disproportionation, electric tension (*l*), 4257
– (IV), electric tension (*l*), 4257
– – hydrolysis, 496
– – polarographic, 3073, 4018
– – potentiometric, 496
– potentiometric (*l*), 4257
– (IV), potentiometric (*l*), 4257
– redox behavior, theory, 3230
– (IV), voltammetric, 3960
– carbide uranium carbide, potentiometric, thermodynamics (*s*), 499
– chloride, electroosmotic, 4763
– – complexes, conductometric, 5533
– – potassium chloride, conductometric (*l*), 611
– (IV) complexes, conductometric, 2288, 5340
– – – polarographic, 1137
– – – potentiometric, 1349, 2288, 3277, 5325, 5340
– – – stability, 1349, 3277, 5325
– – – thermodynamics, 1137
– iodide complexes, conductometric, 5533
– iron, potentiometric, thermodynamics (*s*), 5341
– nitrate, conductometric, 4431
– – electroosmotic, 4763
– oxide, conductometric (*s*), 1521, 4430
– – electrolyte (for) potentiometry (*s*), 917
– – calcium oxide, conductometric (*s*), 1521
– – uranium (IV) oxide, conductometric (*s*), 4430
– – yttrium oxide, electrolyte (for) potentiometry (*s*), 512
– zinc, potentiometric, thermodynamics (*l*), 5297
Thoron, electrophoretic, 3572
Threonine, ionization, potentiometric, 3361
– complexes, polarographic, 5105
– – potentiometric, 3247, 3303, 3326, 5417
– – stability, 3247, 3326, 5105, 5417
Thrombin, adsorption (on) platinum, charge transfer, 3028
– coagulant activity, electrophoretic, 1704
– electrolytic, 3028
– human, electrophoretic, 5775
– voltammetric, 3028
Thulium (III), amperometric, 5196
– – complexes, electrophoretic, 750
Thulium (III) complexes, potentiometric, 479, 1348, 2287, 3260, 4235
– – – stability, 479, 750, 1348, 2287, 3260
– perchlorate, complexes, conductometric, 4425
Thylakoid membrane, *Chlorella* cell, electric tension, 5460
– – electron transfer, proton transfer, 5925
Thymidine kinase, electrophoretic, 779
Thymidylate synthetase complexes, electrophoretic, 5799
Thymine, *see also* Uracil methyl–
– complexes, potentiometric, stability, 5268
Thymol, adsorption (on) mercury, 1099, 1760
– – – – dropping, polarographic, 1099, 1144
– voltammetric, 1099
– blue methyl–, ionization, potentiometric, 4183
– – – complexes, formation, potentiometric, 4183
Thyroglobulin, electrophoretic, 3650, 4672
Thyroxin, electrophoretic
Tin, adsorption (on), 3729, 3857
– (II), adsorption (on) gold, 3945
– – – – silver, 156
– anodic behavior, 2023, 2025, 2781, 3951, 4996; (*l*) 2024
– (II), anodic behavior, 2027
– – cathodic behavior, 156, 2099, 3945, 3951, 4025
– (IV), cathodic behavior, 2027, 2099
– chromatopolarographic, 297
– chronoamperometric, chronopotentiometric, 4996
– corrosion, 2781, 2926
– (0–II), coulometric, 175
– (II), coulometric, 178
– (II–IV), coulometric, 175
– (IV), diffusion (*l*), 3480
– (II) electrode (*l*), 3268
– electrode, capacitance differential, 1772, 3729, 3857
– – double layer, review, 5847
– (II) electrode non–aqueous, 4173
– electrode redox, polarization, electrothermographic, 1823
– (II) electrode, S.E.T. (*l*), 2281
– (II–IV) electrode, S.E.T. (*l*), 2281
– (IV) electrode, S.E.T. (*l*), 2281
– electrodeposition, 3945
– (II), electrogeneration, 175, 2025, 2505
– (IV), electrogeneration, 175
– – electrolytic, 1564; (*l*) 3480
– (II–IV), electron transfer, 2027
– electron work function, 3867
– (II), electrophoretic, 5688; (*l*) 5691
– electrorefining, 1915
– galvanostatic, 3951
– hydrophilicity, 3857
– (in) minerals, polarographic, 2124
– oxygen (in) (*l*), 509
– passivation, 4996
– plated, thickness, coulometric, 1002

Tin, polarographic, 276, 297, 1131, 4018, 4047, 4048
– (II), polarographic, 2099, 2105, 4025
– (II–IV), polarographic, 2027
– (IV), polarographic, 2099, 2126, 2127
– (II), potentiometric, 1347, 2922, 5336
– – reaction (with) cysteine, polarographic, 4049
– (in) sea water, stripping, 3952
– stripping, 149, 176, 177, 178, 2023
– (II), transport number (*l*), 5691
– voltammetric, 176, 2025, 2926, 4963, 4966; (*l*) 2024
– (0–II), voltammetric, 175, 4997
– (II), voltammetric, 149, 156, 1057, 2922, 3945; (*l*) 2026
– (II–IV), voltammetric, 175, 2027, 3953
– (IV), voltammetric, 179, 1057
– (in) water, voltammetric, 2951
– zero charge point, 1772, 3729, 3857, 3867, 4963, 5918
– alloys, electrodeposition, review, 4475
– amalgam, potentiometric, thermodynamics (*l*), 1335
– antimony, electrodeposition, 2451
– bismuth, electrodeposition, 1577
– (IV) bromide, conductometric, 4427
– (II) bromide, potentiometric, thermodynamics (*s*), 4167
– cadmium, double layer, 3741
– (II) chloride, anodic benavior (*l*), 2024
– (IV) chloride, conductometric, 4427
– (II) chloride, voltammetric(*l*), 2024
– – – bismuth interface, impedance (*l*), 4772
– – – complexes, conductometric, 1529
– (IV) chloride complexes, conductometric, 3436
– (II) chloride molybdenum interface, impedance (*l*), 4772
– – – organoderivatives, potentiometric, 2294
– (IV) chloride organoderivatives, complexes, conductometric, 1530
– – – – – potentiometric, 2294
– (II) chloride tungsten interface, impedance (*l*), 4772
– – – zinc (II) chloride, conductometric (*l*), 4411, 5515
– – – – – – electrophoretic, transport numbers (*l*), 5692
– – complexes, conductometric, 617
– complexes, polarographic, 5093
– (II) complexes, polarographic, 3047
– (IV) complexes, polarographic, 2128
– complexes, potentiometric, 1364
– (II) complexes, potentiometric, 3265
– complexes, stability, 1364
– (II) complexes, stability, 3265
– compounds, cathodic behavior, voltammetric, 4966
– copper amalgam, anodic behavior, voltammetric, 4965
– hydride, voltammetric, 4966
Tin, (II) hydroxide technetium-labelled, electrolytic, 4502
– indium, activity (*l*), 5305
– – double layer, 3741
– – potentiometric (*l*), 5305
– (II) iodide indium (I) iodide, conductometric, 5518
– iron, anodic behavior, corrosion, 2781
– lead, corrosion, voltammetric, 2926
– mangnanese, potentiometric, thermodynamics (*s*), 5335
– mercury, *see* tin amalyan
– neodymium, potentiometric, thermodynamis (*l*), 4243
– nickel, anodic behavior, corrosion, 3796
– organoderivatives, cathodic behavior, chronopotentiometric, 5112, 5865
– – conductometric, 1530
– (IV) organoderivatives, electrolytic, 181
– organoderivatives, electrosynthesis, 1578, 2461
– – polarographic, 5112
– (IV) organoderivatives, polarographic, 298
– organoderivatives, stripping, 4998
– (IV) organoderivatives, complexes, potentiometric, 4249, 5337
– – – – stability, 5337
– – oxide electrode, electroreflectance, 1831
– selenium, conductometric, thermoelectric tension (*l*), 3435
– silver, activity (*s*), 1790
– – anodic behavior, 156
– – galvanometric (*s*), 1790
– – voltammetric, 156
– sodium, electrolytic thermodynamics (*l*), 4469
– telluride, electrosynthesis, 2456
– thallium, double layer, 3741
– zinc, double layer, 3741
Tiron complexes, cathodic behavior, polarographic, 1168
– – potentiometric, 2277, 4230, 5313
– – stability, 1168, 5313
Tissues, oxygen (in), 2043, 5123
– potassium (in), sodium (in), 1281
Titanium (IV), *see also* Titanyl (II)
– adsorption (on), 64
– (III), amperometric, 3541
– anodic behavior, 1811, 1812, 2741, 2742, 2751, 3801, 3908, 3923, 4817, 5588, 5964
– (III), anodic behavior, 2956; (*l*) 187
– anodic behavior, review, 2462
– (IV), cathodic behavior, 302, 2177, 2956, 3042, 3072, 3491, 5896; (*l*) 186, 187, 4999
– (in) cement, polarographic, 1160
– (III), chronoamperometric (*l*), 187
– (IV), chronoamperometric (*l*), 186, 187
– (III), chronopotentiometric (*l*), 187
– (IV), chronopotentiometric (*l*), 186, 187
– (III), coulometric, 185, 3541
– (IV), coulometric, 3541
– electrode, electrochemical behavior, 1810
– – impedance, 2741, 2742
– – rotating disc, anodic behavior, 1811

Titanium (III), electrogeneration, 185, 729
– electrolytic, 5588 ; (*l*) 5610
– electron work function, 3867
– (IV), (by) impedance measurements (*l*), 4999
– passivation, 889, 3801, 5964
– platinized, anodic behavior, corrosion, 3959
– polarographic, 276, 3071
– (IV), polarographic, 300, 302, 1148, 2177, 3042, 3072, 4051
– (III), potentiometric (*l*), 187
– (IV), potentiometric, 2274 ; (*l*) 187
– (III), reaction (with) vanadium (V) heteropolyacids, (with) tungsten (VI) heteropolyacids, potentiometric, 4250
– self–passivation, 888
– (III–IV), S.E.T., 3273 ; (*l*) 186, 187
– voltammetric, 3923
– (III), voltammetric, 2956 ; (*l*) 187
– (III–IV), voltammetric, 185
– (IV), voltammetric, 2956 ; (*l*) 186, 187, 4999
– zero charge point, 3867
– aluminum vanadium electrode, overtension (on), voltammetric, 1021
– alloys, corrosion, 4453
– carbide, adsorption (on), 2029
– – anodic behavior, 5954 ; (*l*) 5611
– – conductometric (*s*), 3437
– – corrosion, 5954
– – electrode, chronopotentiometric, voltammetric, 2029
– – electrolytic (*l*), 5611
– – thermoelectric tension (*s*), 3437
– – nickel electrode, overtension (on), 2745
– chloride, sulfur (in), 4057
– chromium, anodic behavior, 4817
– (IV) complexes, cathodic behavior, 2133
– (III) complexes, conductometric, 1367
– (IV) complexes, electrophoretic, 4254
– (III) complexes, polarographic, 2133
– (IV) complexes, polarographic, 301, 302, 2133
– – – potentiometric, 497, 1367, 4254
– (III–IV) complexes, S.E.T., 3273
– (III) complexes, stability, 2133
– (IV) complexes, stability, 497, 1367, 2133, 4254
– (III) complexes, thermodynamics, 1367
– compounds, iron (in), 3541
– fluoride, potentiometric, thermodynamics, review (*s*), 1377
– iron, anodic behavior, 5953
– – potentiometric (*s*), 5339
– – potentiostatic, 5953
– – thermodynamics (*s*), 5339
– molybdenum, anodic behavior, 4817
– nickel, voltammetric, 4908
– oxide, adsorption (on), 800, 801
– – double layer, 4745
– – electrode, redox reactions (on), 1821
– – electrophoretic, 1618
– – iron (in), 5119
– – photoelectrochemistry, 800, 801

Titanium oxide, potentiometric, 1368
– – – thermodynamics, review (*s*), 1377
– – sols, conductometric, electrophoretic, potentiometric, zeta electric tension, 4587
– – water (in), 5479
– – zero charge point, 1368
– – zeta electric tension, 1618
– – iron (III) oxide, conductometric (*s*), 645
– – nickel oxide, conductometric (*s*), 2424
– – ruthenium oxide electrode, anodic behavior, voltammetric, 5000
– – scandium oxide, conductometric (*s*), 638
– – water interface, proteolytic behavior, 1368
– oxygen, potentiometric, thermodynamics (*l*), 3272
– palladium, anodic behavior, corrosion, potentiostatic, 1846
– platinum Raney electrode, adsorption (on), electrocatalyst, 4716
– rhodium, adsorption (on), 2687
– ruthenium electrode, anodic behavior, potentiostatic, 5915
– (IV) sulfate, ionization, potentiometric, 4253
– sulfur, conductometric (*l*), 5532
– tantalum, anodic behavior, 4817
Titanyl (II), *see also* Titanium (IV)
– – cathodic behavior, voltammetric, 2956
Titrations automatic, constant volume, instrumentation, technique, 101
Tobacco, ammonia (in), 4261
Tocopherol(s), (in) food, (in) pharmaceuticals, voltammetric, 2088
– sphyngomyelin membranes, conductometric, 668
Tolidine, potentiometric, 3331
Tolualdehyde, cathodic behavior, enolization, hydration, polarographic, 1191
– potentiometric, 4336
Toluate phenylbromo–, cathodic behavior, electrolytic, 4546
Toluene, conductometric, 3450
– solvent (for) conductometry, 1550, 5572
– – – polarography, 2105, 3040
– – – potentiometric, 4330
– amino–, potentiometric, 4334
– acetate hydroxy–, potentiometric, saponification, 1470
– bromo–, cathodic behavior, coulometric, electrolytic, polarographic, 4546
– complexes, anodic behavior, voltammetric, 3969
– diisocyanate, polarographic, polymerization, 1198
– hydroxy–, adsorption (on) mercury, 4734
– – radicals, anodic behavior, 4002
– – – cathodic behavior, polarographic, 2171
– – – voltammetric, 4002
– – solvent (for) conductometry, 1514
– nitro–, cathodic behavior, voltammetric, 246
– oxide hydroxy–, adsorption (on) mercury dropping, 4062

Toluene thiohydroxy–, coulometric, 4571
– – electrolytic, fluorination, 713
– thiol, coulometric, 4571
– – potentiometric, 5429
– trinitro–, polarographic, 2201
Toluic acid, acidity, potentiometric, 2356
Toluidine, adsorption (on) mercury, 5839
– anodic behavior, 5063, 5064
– coulometric, 4570
– potentiometric, 569
– reaction (with) acetophenone bromo–, conductometric, 4452
– solvent (for) electrolysis, 2460
– voltammetric, 5063, 5064
– dimethyl–, solvent (for) electrolysis, 2460
Toluidinium, acidity, potentiometric, thermodynamics, 4331
Toluquinone, reaction (with) aniline methyl–derivatives, potentiometric, 2363
Tolyl sulfochloride, polarographic, 322
Tosyl sulfonate, adsorption (on) carbon, 1109
Tosylate alkyl derivatives, cathodic behavior, polarographic, 2181
Toxins, staphylococcal electrophoretic, 3651
Trace analysis, electrochemical technique, 33, 269, 721, 2095, 4705, 4910, 5061
Tracers radioactive (for) corrosion rate measurements, 83
Transaminases, electrophoretic, 4697
Transferases, electrophoretic, 779, 1693, 2671, 3693, 4676, 4696, 4698, 4699, 4700
Transferrin, electrophoretic, 4652
– allele, goat blood plasma, electrophoretic, 3652
– beagle blood, bovine, electrophoretic, 5766
Transfusion gelatin, binding (with) Congo red, (with) methyl orange, polarographic, 380
Transient measurements, Fortran program (for), 1892
Transport, (in) electrolytes (*l*), review, 908
– numbers, (in) dimethylsulfoxide, 594
– – – electrolytes (*s*), 4133
– – – ethanol, 594
– – (through) hyperfiltration membranes, 5926
– – instrumentation, technique, 998
– – theory, 47, 1872
Triacetate derivatives, complexes, polarographic, 5100
– nitrilo, (in) sewages, (in) waste water, potentiometric, 3335
Triacetic acid nitrilo–, potentiometric, 1300
– – – reaction (with) hydroxyl radical, polarographic, 1127
– – – (in) water, polarographic, 2160
– – – complexes, potentiometric, 440, 1300, 3200, 4304, 5304
– – – – stability, 440, 1300, 3200, 4304
– – – substituted, complexes, diffusion, polarographic, 1127
– – substituted, reaction (with) hydroxyl radical, polarographic, 1127
Triacetic acid substituted, complexes, cathodic behavior, 2133
– – – – diffusion, 1127
– – – – polarographic, 1127, 2133
– – – – potentiometric, 4236
– – – – stability, 2133
Trialkyl hydrazyl radicals, electrolytic, voltammetric, 5046
– phosphite complexes, conductometric, 3449, 5556
Triazacyclononane complexes, formation, potentiometric, stability, 439
Triazine, cathodic behavior, polarographic, 5168
– chloro–, derivatives, conductometric, 5569
– derivatives, cathodic behavior, 5168
– – ionization, 570
– – polarographic, 5168
– – potentiometric, 570
– tetrahydro– polymers, conductometric, 5570
Triazolethiones, adsorption, coulometric, polarographic, 2192
Tribenzyl amine, adsorption (on) mercury dropping, 5822
Tributylamine, potentiometric, 1448
Tributyl phosphate, adsorption (on) mercury, 1099
– – – – – dropping, 281, 1099
– – polarographic, 1099
– – solvent (for) conductometry, 1528
– – – – potentiometry, 438, 5299
– – – – voltammetry, 1099
– – complexes, conductometric, 1528, 2427
– – – disproportionation, 2427
– – – polarographic, 1169
Trichloride, formation, potentiometric, 3311
Tricine, *see* Tris (hydroxymethyl) methylglycine
Trien, potentiometric, 3195
Triethanolamine, anodic behavior, 1188
– conductometric, 1541
– ionization, 1447, 1541
– polarographic, 1188
– potentiometric, 1447, 1448
– solvent (for) polarography, 1682, 1172
– – – potentiometry, 1326
– complexes, polarographic, 312, 4045
– – potentiometric, 4194
Triethylamine, amperometric, 381, 393
– coulometric, 381, 393, 4570
– potentiometric, 393, 5426
– complexes, conductometric, 658
– derivatives, complexes, conductometric, 4404
– salts, ionization, potentiometric, 4312
– water, phase separation, conductometric, 2390
Triethyl phosphate, adsorption (on) mercury, 1755
– phosphite complexes, conductometric, 5510
Triethylenetetraamine, potentiometric, 3195
– solvent (for) voltammetry, 215
– complexes, polarographic, 4030

Triethylenetetraamine, complexes, potentiometric, 4217
– – stability, 4030
– derivatives, polarographic, 5128
– – potentiometric, 495
– Schiff bases, complexes, conductometric, 3415
– substituted, complexes, amperometric, 2108
– – – cathodic behavior, polarographic, 306
– – – potentiometric, stability, 2108
Triiodide, potentiometric, stability, 2318
– iodine, discharge theory, 1938
– – voltammetric, 2054
Trimellitic acid, *see also* Benzene tricarboxylic acid
– – complexes, polarographic, 3068
Trimethoprim, polarographic, 4105
– oxide, polarographic, 4105
Trimethylamine radicals, polarographic, 5147
Trimethyl phosphate, complexes, conductometric, 5510
– silylamine derivatives, basicity, potentiometric, 4315
Trimethylene diamine, *see also* Propane diamino–
– ferrocene, polarographic
– substituted, complexes, potentiometric, stability, 5414
Trinitrophenylmethylnitroamine, polarographic, 2201
Trioctyl amine oxide, complexes, conductometric, disproportionation, 2427
– arsine oxide, complexes, conductometric, disproportionation, 2427
– phosphine oxide, complexes, conductometric, disproportionation, 2427
Trioxalatoferrate (III–IV), polarographic, 1175
– (III) radicals (by) flash photolysis, 2764, 2910
– (III–IV), redox behavior, 2867
Triphenyl amine, electrolytic, 5656
– – substituted, anodic behavior, cyclization, 5656
– derivatives, anodic behavior, voltammetric, 3007
– arsine oxide, complexes, conductometric, 5536
– phosphine, anodic behavior, electrolytic, voltammetric, 3997
– – complexes, electrosynthesis, polarographic, 698
– – – potentiometric, stability, 1439
– – oxide, adsorption (on) mercury dropping, polarographic, 4053
– – – complexes, conductometric, 3395, 3428, 5536
– triphosphine, cathodic behavior, polarographic, voltammetric, 2958
– verdazyl radicals, polarographic, 3144, 5176
– – derivatives, polarographic, 2203
Triphenylene, electrochemiluminescence, 1887
Triphosphazotriene derivatives, ionization, potentiometric, 2375
Triphosphoinositide membrane, electric tension, 585
Tripolyposphate, solvent (for) electrolysis, voltammetry, 142
– complexes, formation, 5322
– – potentiometric, thermodynamics, 4237, 5322
Tripolyphosphoric acid, ionization, potentiometric, 5350
Tripyridyl amine, complexes, conductometric, redox behavior, voltammetric, 3930
– arsine, complexes, conductometric, redox behavior, voltammetric, 3930
– phosphine, complexes, conductometric, redox behavior, voltammetric, 3930
– – oxide, conductometric, redox behavior, voltammetric, 3930
– triazine complexes, coulometric, electrochemiluminescence, redox behavior, voltammetric, 1095
Tris, solvent (for) polarography, 1168
– amino (hydroxymethyl) propanediol buffer, acidity (in), 561, 4221
– (dimethylaminoethyl) amine complexes, conductometric, 4404
– (ethylenediamine) complexes, electron transfer rate, 2748
– hydrochloride buffer, acidity (in), 4221
– (hydroxymethyl) methylglycine, buffer, standardization, 561
Tritium, *see also* Hydrogen isotopes
– (I), cathodic behavior, electrolytic, 4468
– separation factor, electrolytic, 4467
Tritolyl amine, electrochemiluminescence, 5875, 5876
– – radical cation, electrochemiluminescence, 5873, 5874
Tri (tolyl hydroxy–) phosphate electrode, polyvinyl chloride–based, (for) potentiometry, 1443, 4141
Triton X, adsorption (on) mercury, 1236
– – – – platinum, 261
– – chronoamperometric, polarographic, 1236
– – voltammetric, 261
Troponin, electrophoretic, 1688, 2629, 2630, 2631, 3653
– reaction (with) F–actin, (with) tropomyosin, electrophoretic, 2631
Tropylium substituted, reduction (by) chromium (II), polarographic, 1205
Trypsin, electrophoretic, 1673, 4657
– *Melaphagus ovinus*, electrophoretic, 1689
– porcine, electrophoretic, 2632
– *Streptomyces* griseus, electrophoretic, 2633
Tryptic phosphorylase derivatives, electrophoretic, 5795
Tryptophan, electrosynthesis, 719, 4551
– polarographic, 1200
– potentiometric, 4334

Tryptophan complexes, polarographic, 2123
– – potentiometric, stability, 3247
Tryptophanase, *Aeromonas liquefaciens*, electrophoretic, 4701
Tubulins, electrophoretic, 3654
– adrenal medulla, brain, electrophoretic, 1690
Tungstate, *see also* Tungsten (VI)
– cathodic behavior, 2145
– electrophoretic, 3562, 3564
– mobility, 3564
– molybdenum (in), 133
– polarographic, 2145
– potentiometric, 1404, 3256, 5374
– protonation, 3564
Tungsten (VI), *see also* Tungstate
– adsorption (on), 64
– (III), amperometric, 3158
– (VI), amperometric, 3158, 3159
– anodic behavior, 693, 3499, 5588
– (VI), cathodic behavior, 2145, 4517, 5131
– chronopotentiometric (*l*), 5010
– electrode, chronoamperometric, 72
– – impedance, 4772
– – low–impedance (for) biology, 4920
– – twin, (for) voltammetry (*l*), 2942
– – voltammetric, 72
– electrodeposition, 691, 4518
– electrolytic, 5588
– (V), electrolytic, 4518
– (VI), electromigration, 5687
– (in) minerals, polarographic, 2124
– molybdenum (in), 3497
– platinized, adsorption (on), 2999
– (VI), polarographic, 2142, 2145, 5131
– – potentiometric, 1400, 1404, 3256, 3284, 5370
– – reaction (with) vanadium (II), potentiometric, 3284
– redox behavior, theory, 3230
– (0–IV), S.E.T. (*l*), 1402
– (IV–V), S.E.T. (*l*), 1402
– (in) steel, amperometric, 3159
– voltammetric (*l*), 5010
– bronze, adsorption (on), anodic behavior, chronopotentiometric, 1986
– – conductometric, review, 4414
– – electrode (for) potentiometry, 435
– – voltammetric, 1986
– carbide, adsorption (on), 791
– – anodic behavior, corrosion, 5955
– – electrocatalyst, voltammetric, 208
– carbonyl complexes, anodic behavior, voltammetric, 2051
– (VI) chloride, electrolytic, 4517
– cobalt bronze, electrocatalyst, 5968
– (VI) complexes, amperometric, conductometric, 5192
– complexes, polarographic, 3973
– (VI) complexes, potentiometric, 1401
– complexes, voltammetric, 3973
– fluoride, potentiometric, thermodynamics (*s*), review, 1377
– heteropolyacids, anodic behavior, 5008
Tungsten heteropolyacids, cathodic behavior, 2022, 5008
– – conductometric, 1403
– – coulometric, 1363
– – electrolytic, 3041
– – (by) impedance, 1363
– – ionization, 4282
– – polarographic, 296, 3041
– – potentiometric, 504, 1363, 3041, 4282
– – reaction (with) ascorbic acid, (with) lead (II), (with) titanium (III), potentiometric, 4250
– – redox electric tension, 1363
– – voltammetric, 2022, 5008
– – derivatives, polarographic, 1162
– hydrogen bronze, anodic behavior, 2746
– – – electrolytic, 130
– – – formation, 2746
– – – voltammetric, 130
– nickel bronze, electrocatalyst, 5968
– – electrodeposition, voltammetric, 1076
– (VI) oxide, cathodic behavior, 2145
– – – electrocatalyst, 5968
– – – polarographic, 2145
– oxide, potentiometric, thermodynamics (*s*), 1377
– (VI) oxide sodium oxide, solvent (for) electrophoresis (*l*), 5687
– – oxychloride, complexes, conductometric, 5371
– platinum, electrode (for) potentiometry, 5373
– selenide niobium selenide, conductometric (*s*), 5538
– sodium bronze, adsorption (on), anodic behavior, chronopotentiometric, 1986
– – – electrocatalyst, 3802, 5968
– – – electrode, 872
– – – – capacitance differential, 4742
– – – – galvanostatic, 4769
– – – – (for) potentiometry, 5231
– – – – potentiostatic, 4769
– – – electrodeposition, 3474
– – – voltammetric, 1986
– tantalum, potentiometric, thermodynamics (*s*), 5538
– tin (II) chloride interface, impedance (*l*), 4772
– uranium carbide, potentiometric, thermodynamics (*s*), 2321
Tungstic acid, cathodic behavior, polarographic, 2145
Tungstoborate, *see* Boron heteropolyacids, *see* Tungsten heteropolyacids
Tungstogermanate, *see* Germanium heteropolyacids, *see* Tungsten heteropolyacids
Tungstosilicate, *see* Silicon heteropolyacids, *see* Tungsten heteropolyacids
Tungstotellurate, *see* Tellurium heteropolyacids, *see* Tungsten heteropolyacids
Tungstovanadate, *see* Tungsten heteropolyacids, *see* Vanadium heteropolyacids
Tunnelling effect, 5929, 5930
Tylosine, electrophoretic, 3575

Tyramine, electrophoretic, 2519
– hydroxy–, electrophoretic, 2519
Tyrosine, ionization, potentiometric, 5271
– complexes, cathodic behavior, polarographic, 2113
– – potentiometric, stability, 3247, 5271
– glycyl–, complexes, potentiometric, stability, 548
– leucyl–, complexes, potentiometric, 4177

Undecane diamine, *see* Hendecane diamine
Undecanone, *see* Hendecanone
Uracil benzylthiol, potentiometric, 3354
– bromo– complexes, potentiometric, stability, 2254
– carboxylic acid thio–, complexes, potentiometric, stability, 547
– complexes, potentiometric, stability, 2254, 5268
– derivatives, complexes, potentiometric, stability, 2254
– fluoro complexes, potentiometric, stability, 2254
– iodo complexes, potentiometric, stability, 2254
– methyl– *see also* Thymine
– thio– derivatives, adsorption (on) mercury, cathodic behavior, coulometric, electrolytic, polarographic, 4009
– – – potentiometric, 3354
– – – voltammetric, 4009
Uramil, *see also* Barbituric acid amino–
– substituted complexes, potentiometric, stability, 1317
– thio– derivatives, potentiometric, 1474
Uranium (V), *see also* Uranyl (I)
– (VI), *see also* Uranyl (II)
– amperometric, 1960
– (IV) amperometric, 5020
– anodic behavior, 3764
– (IV) anodic behavior, 5020
– – cathodic behavior (*l*), 3960, 5021
– (VI) cathodic behavior, 281, 309, 1069, 1169, 2052, 3092, 3755
– chlorine (in), 5675
– (IV) chronoamperometric (*l*), 3960
– ((VI), chronocoulometric, 281
– – chronopotentiometric, 3755
– coulometric, 727, 1960, 2502, 3539
– (V), disproportionation, 1077
– (VI), electrochemiluminescence, 1069
– (III), electrogeneration, 4519
– (VI), electrolytic, electromigration, hydrolysis, 1623
– galvanostatic, 3764
– (in) nuclear fuels, coulometric, 5674
– – – – potentiometric, 3258
– – ores, voltammetric, 2970
– polarographic, 1131, 3827
– (V–VI), polarographic, 209
– (VI), polarographic, 281, 309, 1169, 3092, 4066
– potentiokinetic, 3764
Uranium, potentiometric, 1960
– (IV), potentiometric, 1405
– (V–VI), potentiometric, 4519
– (VI), potentiometric, 1405, 4519
– (IV), reaction (with) hexacyanoferrate (III), polarographic, 308
– redox behavior, theory, 3230
– sulfur (in), 3293
– thermodynamics (*l*), 5315
– (IV), voltammetric, 5020; (*l*) 3960, 5021
– (V), voltammetric, 1077
– (V–VI), voltammetric, 209
– (VI), voltammetric, 1069, 2052
– (IV) bromide, complexes, conductometric, 5533
– carbide thorium carbide, potentiometric, thermodynamics (*l*), 499
– (IV) chloride complexes, conductometric, 5533
– cobalt, potentiometric, thermodynamics (*s*), 2320, 5375
– (VI) complexes, cathodic behavior, 2112
– (IV) complexes, conductometric, 4436
– (VI) complexes, conductometric, 1367, 2427
– – – disproportionation, 2427
– – – electrophoretic, 2512
– (V) complexes, polarographic, 209, 1169
– (VI) complexes, polarographic, 209, 309, 2112, 3047
– – – potentiometric, 453, 523, 1309, 1367, 1406, 3275, 4288, 5376, 5377
– – – stability, 309, 453, 523, 1309, 1367, 1406, 2112, 3275, 4288, 5376, 5377
– – – thermodynamics, 1367
– (V) complexes, voltammetric, 209
– (VI) complexes, voltammetric, 209
– fission products, electrophoretic, 751
– (IV) fluoride, electrolytic, 4520
– indium, potentiometric (*l*), 5315
– – iodide, complexes, conductometric, 5533
– iron, potentiometric, thermodynamics (*l*), 3302
– – carbide, potentiometric, thermodynamics (*s*), 2321
– nitride, coulometric, 734
– organoderivatives, polarographic, 4029
– (IV) oxide, conductometric (*s*), 4430, 5545
– – – leaching, voltammetric, 3878
– oxides, potentiometric, thermodynamics (*s*), 521, 3301
– oxide thorium oxide, conductometric (*s*), 4430
– tungsten carbide, potentiometric, thermodynamics (*s*), 2321
Uranyl (II), cathodic behavior, 281, 309, 1069, 1169, 2052
– – chronocoulometric, 281
– – electrochemiluminescence, 1069
– – electrolytic, electromigration, 1623
– – hydrolysis, 1623, 5133
– – polarographic, 281, 309, 1169, 3827, 5132, 5133
– – potentiometric, 1405

Uranyl (II), voltammetric, 1069, 2052
– – acetate, reaction (with) selenious acid, conductometric, 5541
– – bromide complexes, conductometric, 5546
– – chloride complexes, conductometric, 5546
– – complexes, cathodic behavior, 2112, 3093, 5133
– (I) complexes, conductometric, 2427
– (II) complexes, conductometric, 1367, 3304, 3439, 4437
– (I) complexes, disproportionation, 2427
– (II) complexes, electrophoretic, 2512
– – – ionization, 4437
– (I) complexes, polarographic, 209
– (II) complexes, polarographic, 209, 309, 1169, 2112, 3093, 5133
– – – potentiometric, 453, 523, 1309, 1367, 1406, 3201, 3231, 3275, 3303, 3304, 4179, 4184, 4288, 4289, 5275, 5376
– – – solvation, 3439
– – – stability, 309, 453, 523, 1309, 1367, 1406, 2112, 3201, 3231, 3275, 3304, 4179, 4184, 4288, 4289, 4437, 5275, 5376
– – – thermodynamics, 1367, 3304, 4289
– (I) complexes, voltammetric, 209
– (II) complexes, voltammetric, 209
– – nitrate association, conductometric, 1501
– – peroxo complexes, cathodic behavior, polarographic, voltammetric, 5022
Urazine, potentiometric, 563, 4328
Urea, amperometric, 4125
– anodic behavior, 5057
– biuret (in), 4125
– (in) blood, potentiometric, 1466
– electrode, selective, 2890, 4326, 4327
– potentiometric, 2297
– solvent (for) conductometry, 1509
– voltammetric, 5057
– allylthio–, corrosion inhibition, 3794
– complexes, polarographic, 4084
– cyano–, coupling (with) acetone, electrolytic, 5648
– dimethylthio–, adsorption (on) mercury dropping, polarographic, 3042
– diphenylthio–, adsorption (on) cadmium, 2710
– – potentiometric, 4329
– phenylthio–, adsorption (on) cadmium, 2710
– – corrosion inhibition, 3794
– – potentiometric, 4329
– tetramethyl–, solvent (for) conductometry, 3409
– thio–, adsorption (on) bismuth, 2711
– – – – cadmium, 1569, 1767, 2010, 2710
– – – – gold, 2074
– – – – iron, 5836
– – coulometric, 2205
– – corrosion inhibitor, 3794, 5836
– – coulometric, 3928
– potentiometric, 563, 2361, 2362, 4158, 4328, 5434
Urea, potentiometric, voltammetric, 2074
– – complexes, conductometric, 5520
– – – polarographic, 288, 4084, 5090
– – – potentiometric, 4158, 5398
– – – stability, 288, 5090, 5398
– – derivatives, corrosion inhibitor, 4810
– – – potentiometric, 2362
– – – conductometric, 5516
Urease(s), electrophoretic, 4654
– electrode, selective, 1466
– hack bean, electrophoretic, 4654
Uric acid, anodic behavior, review, 718
Uridylate fluorodeoxy– complexes, electrophoretic, 5799
Urine, chromium (in), 4060
– copper (in), 3194
– lead (in), 2132, 2593, 5115, 5116
– mercury (in), 4561
Uronic acid, electrophoretic, 2523
Uroporphyrinogen synthetase, *Rhodopseudomonas spheroides*, electrophoretic, 5800
Urotropine, *see* Hexamethylenetetraamine
Uric acid, ionization, potentiometric, 1457

Vaesite, potentiometric, sulfur fugacity, 1384
Valeraldehyde, *see* Pentanal
Valeric acid, *see* Pentanoic acid
Pentanoate oxo–, electrolytic, 5651
Pentanoic acid, adsorption (on) bismuth (*l*), 4732
iso–Pentanoic acid, adsorption (on) bismuth (*l*), 4732
– – – coupling (with) ethylmethyl malonate, electrolytic, 710
Valine, desalting, electrophoretic, 753bis
– potentiometric, 1448
– complexes, formation, 5326
– – potentiometric, 549, 3208, 3247, 3326, 5326, 5419
– – stability, 549, 3208, 3247, 3326
– – thermodynamics, 5326
Vanadate, *see also* Vanadium (V)
– amperometric, 2211, 4118
– complexes, conductometric, potentiometric, 481
– (V) oxodiperoxo complexes, conductometric, 5537
Vanadium (IV), *see also* Vanadyl (II)
– (V), *see also* Vanadate
– amperometric, 2211, 3156
– anodic behavior, 5588
– (II) anodic behavior, 3079
– (IV) anodic behavior, 5896
– (III) cathodic behavior, 3079
– (IV) cathodic behavior, 5896
– (V) cathodic behavior, 304, 1062, 2959, 5896
– – chronovoltammetric, 304
– coulometric, 1003
– (III), coulometric, 3545
– (IV), coulometric, 2025, 3545
– (V), coulometric, 1003, 2025, 2505, 3156
– electrochemical behavior, 2801

Vanadium, electrodeposition, 682
– (IV), electrogeneration, 1062
– (V), electrogeneration, 730
– electrolytic, 3492, 5588
– (V), (in) petroleum coke, coulometric, 1611
– (II), polarographic, 3079
– (III), polarographic, 3079
– (V), polarographic, 304, 2136, 2137, 2959, 3051
– (II), potentiometric, 3284
– (V), potentiometric, 506, 928, 3156, 5327
– – potentiostatic, 3156
– (II), reaction (with) clorate, polarographic, 4056
– – – – hexacyanoferrate (II), potentiometric, 3283
– (IV), reaction (with) hydroquinone, potentiometric, 3285
– (II), reaction (with) molybdenum (VI), potentiometric, 4268
– – – – nitrite, polarographic, 4056
– – – – nitrogen, potentiometric, 4258
– (III), reaction (with) quinone, potentiometric, 3285
– (II), reaction (with) tungsten (VI), potentiometric, 3284
– (in) soil, polarographic, 2136
– stripping, 1048
– trace analysis, 2137, 3545
– voltammetric, 1048
– (IV–V), voltammetric, 1061
– (V), voltammetric, 1062, 2959
– aluminum titanium electrode, overtension (on), 1021
– – – voltammetric, 1021
– bronzes, conductometric (*s*), review, 4414
– carbide, electrolytic, 3492
– (II) chloride lithium chloride sodium chloride, solvent (for) electrolysis (*l*), 3492
– (IV) complexes, cathodic behavior, 2135, 3965, 5107, 5120
– – – conductometric, 1367, 2308, 5355
– (V) complexes, conductometric, 481, 5537
– (0) complexes, polarographic, 4055
– (II) complexes, polarographic, 3080
– (IV) complexes, polarographic, 2135, 3965, 5107, 5120
– (V) complexes, polarographic, 3047
– complexes), potentiometric, 3286
– (III) complexes, potentiometric, 5354, 5355
– (IV) complexes, potentiometric, 1317, 2307, 2308, 3275, 3287
– (III) complexes, reaction (with) hydroxylamine, polarographic, 3081
– complexes, stability, 3286
– (II) complexes, stability, 3080
– (III) complexes, stability, 2135
– (IV) complexes, stability, 1367, 2135, 3275, 3287
– – – thermodynamics, 1367
– – – voltammetric, 3965
– (V) heteropolyacids, anodic behavior, 5008
– – – basicity, 1373
– – – cathodic behavior, 5008
Vanadium (V) heteropolyacidis, electrolytic, 1155
– – – ionization, 1373
– – heteropolyacid, polarographic, 1155
– – – potentiometric, 1373
– – – reaction (with) ascorbic acid, potentiometric, 4250
– – – – – lead (II), potentiometric, 4250
– – – – – titanium (V), potentiometric, 4250
– – – redox electric tension, 1373
– – – voltammetric, 5008
– iron, coulometric, 1003
– mangnanese, coulometric, 1003
– (IV) organoderivatives, polarographic, 98
– (V) oxide electrode, cathodic behavior, galvanostatic, potentiostatic, 840
– oxides, potentiostatic (*s*), 1376
– (V) oxide, solvent (for) electrochemistry (*l*), 880
– oxides, thermodynamics (*s*), 1376
– – – aluminum oxide calcium oxide, conductometric (*l*), 4407
– – – alumophosphate, conductometric (*l*), 1526
– – – chromium (III) oxide, conductometric, potentiometric (*s*), 4270
– – – cobalt (III) oxide, conductometric, potentiometric (*s*), 4270
– – – lead (II) oxide, potentiometric (*l*), 3178
– – – molybdenum (VI) oxide, conductometric, potentiometric (*s*), 4270
– (III) oxide scandium oxide, conductometric (*s*), 637
– (V) oxide silver oxide tellurium (IV) oxide glasses, conductometric, 1517
Vanadyl (II), *see also* Vanadium (IV)
– – hydrolysis, potentiometric, 5356
– – complexes, coulometric, 1367, 2308, 3439
– – – formation, hydrolysis, 5357
– – – potentiometric, 1367, 2307, 2308, 3275, 3286, 3287, 4269, 5356, 5357
– – – solvation, 3439
– – – stability, 1367, 3275, 3286, 3287, 4269, 5356
– – – thermodynamics, 1367
Vanillin, potentiometric, 1451
– complexes, conductometric, ionization, 4437
– – polarographic, 3046
– – stability, 3046, 4437
– – thermodynamics, 3046
Vat dyes, carbonyl groups (in), potentiometric, 5448
Vegetable oils, bromide (in), 2334
Venom, *Nebo hierichonticus*, electrophoretic, 1652
Veratrole, *see* Benzene dimethoxy–
Vesicle membrane, *Escherichia coli*, electric tension, 3369
Vetch, selenium (in), 1166
Vinyl acetate polymers, conductometric, 653
– amide dichloro derivatives, ionization, potentiometric (*s*), 1462

Vinyl cyanide, *see* Acrylonitrile
– ethylene glycol, *see* Butenediol
– phenyl–*iso*–thiocyanate, cathodic behavior, polarographic, 341
– sulfochloride, polarographic, 322
– substituted complexes, conductometric, 1548
Viologen cation radical, electrogeneration, 731
Violuric acid thio–, complexes, potentiometric, stability, 5274
– – – derivatives, complexes, potentiometric, stability, 5274
Virginiamycin, electrophoretic, 3575
Viroid, potato spindler tuber, electrophoretic, 3715
Viruses, electrophoretic, 2684
– plant, electrophoretic, review, 5681
Vitamin A, polarographic, review, 5182
Vitamin B_1 electrode selective, potentiometric, 2372
– B_2, voltammetric, 173
– B_6 electrode selective, potentiometric, 2372
– B_{12}, disproportionation, 5076
– – electrolytic, 5666
– – electrophoretic, 767
– – polarographic, potentiometric, voltammetric, 5076
– – derivatives, voltammetric, 4012
– B_{12a} electrosynthesis, polarographic, 5666
– C, *see also* Ascorbic acid
– – cow colostrum, electrophoretic, 4608
– D, polarographic, review, 5182
– H, *see also* Biotin
– K_2, adsorption (on) mercury, voltammetric, 2089
Vitrification, conductometric, theory, 1911
Voltammetry (with) accumulation, theory, 1880
– (in) acetamide dimethyl–, 131, 1891, 3937
– – acetic acid, 168, 1110, 2013, 2075, 2925, 3021, 4519, 5048
– – – – trifluoro, 245, 2068, 3010, 5048, 5060
– – – anhydride, trifluoro–, 245, 3010
– – acetone, 2004, 3944, 3965, 3973, 3974, 3984, 4017
– – acetonitrile, 30, 147, 188, 212, 219, 223, 241, 245, 248, 249, 251, 253, 254, 259, 260, 326, 1029, 1038, 1090, 1095, 1121, 2060, 2061, 2068, 2080, 2084, 2087, 2089, 2095, 2098, 3000, 3002, 3009, 3010, 3011, 3023, 3024, 3039, 3917, 3941, 3944, 3984, 3985, 3997, 4069, 4548, 5015, 5038, 5040, 5043, 5045, 5048, 5049, 5060, 5061, 5062, 5066, 5067, 5069, 5071, 5591
– – alkali metal chloride aluminum chloride (*l*), 170, 2014
– – aluminum bromide potassium bromide (*l*), 2026
– – – chloride alkali metal chloride (*l*), 170, 2014
– – – – sodium chloride (*l*), 234, 2079, 3925, 3943
– amalgam (with) accumulation, theory, 15
Voltammetry, amalgam, sensitivity, theory, 3823
– (in) ammonia (*l*), 200, 2964, 3019, 3915
– – benzene, 201, 219, 3824, 4978
– – – nitro–, 245, 3013, 3094
– – benzonitrile, 232, 233, 245, 3013, 3094, 3944
– – beryllium chloride sodium chloride (*l*), 4974
– – – fluoride lithium fluoride zirconium fluoride (*l*), 187, 5021, 5405
– – biological fluids, *in vivo*, 264
– – butanol, 3923
– – *tert*–butanol, 3978
– – butanoic acid hydroxy– lactone, 2935, 2969
– – – – nitrile, 5074
– – *iso*–butanoic acid nitrile, 245
– computerization, 246, 2876
– convolution voltage sweep, 5062
– (in) diethylene glycol, 2053
– digital simulation, 3910
– (in) dimethylsulfone, 2922
– – dimethylsulfoxide, 169, 210, 1316, 2061, 3007, 3018, 3044, 3094, 3920, 3940, 4003, 4011, 5013, 5014, 5050, 5074, 5129
– – dioxane, 3963, 5129
– errors, 3820
– (in) ethane dimethoxy–, 3013, 5050
– – – nitro–, 3944
– – ethanol, 31, 2061, 3021, 3824, 3917, 3923, 3944, 4495
– – ethanolamine, 2004
– – ethylene diamine, 215
– – glycol, 1979, 2020, 2046
– – fluorosulfonic acid, 3999
– – fluorosilicate (*l*), 2021
– – formamide, 3941
– – – dimethyl–, 30, 181, 235, 242, 249, 253, 258, 336, 1074, 1111, 1116, 1117, 1119, 2004, 2061, 2069, 2073, 2187, 3002, 3006, 3013, 3023, 3094, 3937, 3944, 3969, 4006, 4008, 5014, 5059, 5068, 5073
– – furan tetrahydro–, 2958, 3008, 3013, 3941, 4956
– – glycerol, 1093
– – glycolic acid thio–, 3986
– – heptanol, 3923
– – hexamethylphosphoramide, 121, 2040, 2054, 2991, 3013
– – hexane, 201
– – hexanol, 3923
– high–frequency, 1037
– higher armonic *a.c.*, technique, 17
– (in) hydrofluoric acid, 2879, 2971, 3975, 4992
– – hydrogen sulfate (*l*), 3995
– instrumentation, 24, 92, 93, 95, 119, 978, 979, 980, 981, 1940, 1950, 2874, 2876, 2877, 2913, 3878, 3911, 4905, 4906, 4907, 4908
– – lithium carbonate lithium oxide (*l*), 3933

Voltammetry, (in) lithium, chloride potassium chloride (*l*), 227, 1045, 1098, 2923, 2933, 2936, 2942, 3966, 4856, 4999, 5010
– – – fluoride beryllium fluoride zirconium fluoride (*l*), 187, 5021, 5405
– – – – potassium fluoride sodium fluoride (*l*), 187, 5405
– – – nitrate potassium nitrate (*l*), 152
– – – oxide lithium carbonate (*l*), 3933
– – methane dichloro–, 219, 245, 2995, 2998, 3013, 5060
– – – nitro–, 214, 245, 3941, 3944, 3976
– – – trichloro–, 4978
– – methanol, 154, 808, 1057, 1108, 1109, 1988, 2069, 2083, 2089, 2490, 3923, 3944, 4978, 5053, 5591
– – nonanol, 3923
– – octanol, 3923
– – pentanol, 3923
– – pentanedione, 209
– – potassium acetate sodium acetate (*l*), 122
– – – bromide aluminum bromide (*l*), 2026
– – – chloride lithium chloride (*l*), 202, 227, 1045, 1098, 2923, 2933, 2936, 2942, 3966, 4856, 4999, 5010
– – – – sodium chloride (*l*), 163
– – – fluoride lithium fluoride sodium fluoride (*l*), 187, 5405
– – – hydrogen sulfate sodium hydrogen sulfate (*l*), 2988
– – – nitrate (*l*), 1994
– – – – lithium nitrate (*l*), 152
– – – – sodium nitrate (*l*), 3948, 4977, 4986
– – – nitrite sodium nitrite (*l*), 3949
– – – thiocyanate (*l*), 202
– – – – sodium thiocyanate (*l*), 151
– – propane diamine, 215
– – propanediol carbonate, 3094
– – propanol, 3923
– – *iso*–propanol, 3978
– – *n*–propanol, 3978
– – propionitrile, 245
– – propylene carbonate, 1029, 1987, 2935, 3941, 3944, 5019
– – pyridine, 2006
– review, 1018, 1887, 4940, 4941
– (in) semicarbazide thio–, 3986
– – sodium acetate potassium acetate (*l*), 122
– – – chloride aluminum chloride (*l*), 234, 2079, 3925, 3943
– – – – beryllium chloride (*l*), 4974
– – – – potassium chloride (*l*), 163
– – – fluoroborate (*l*), 186
– – – fluoride lithium fluoride potassium fluoride (*l*), 187, 5405
– – hydrogen sulfate potassium hydrogen sulfate (*l*), 2988
– – sodium nitrate (*l*), 1994
– – – – potassium nitrate (*l*), 3948, 4977, 4986
– – – nitrite potassium nitrite (*l*), 3949
Voltammetry (in) sodium thiocyanate potassium thiocyanate (*l*), 151
– staircase, 903, 979
– technique, 24, 246, 979, 1037, 1082, 2875, 2912, 3876, 3920, 4016, 4852, 4906, 5062
– (in) tetramethylphosphorodiamide methyl–, 2070
– theory, 13, 14, 15, 16, 17, 18, 19, 20, 23, 24, 25, 27, 30, 31, 201, 902, 903, 905, 907, 1879, 1881, 1883, 2823, 2824, 2825, 2827, 2828, 3821, 3824, 4849, 4850, 4851, 4852, 4853, 4854, 4855, 4856
– – triethylene tetraamine, 215
– – tripolyphosphate, 142
– X–Y recorders (in), 3911
– – zirconium fluoride beryllium fluoride lihitum fluoride (*l*), 187, 5021, 5405

Walden product, 605, 615, 2392, 2411, 4398, 5485, 5486, 5503
Warburg impedance, theory, 4896
Washburn numbers, 1266, 2229
Waste gases, sulfur (IV) oxide (in), 2885
– water, acid esters (in), 1273
– – ammonium (in), 1292, 5244
– – arsenic (in), 3075
– – cadmium (in), 2106
– – chromium (in), copper (in), 2106, 3039
– – cyanide (in), 1154, 1358
– – cyanuric acid (in), 5156
– – dimethyldisulfide (in), dimethylsulfide (in), 4278
– – formaldehyde (in), hydrochloric acid (in), 1273
– – iron (in), 1172, 3039
– – lead (in), 2106
– – mangnanese (in), 1172, 2106
– – melanine (in), 5156
– – methacrylate methyl– (in), 4088
– – hexamethylenetetraamine (in), 1273
– – hydrogen sulfide (in), methanethiol (in), 4278
– – nickel (in), 2106
– – phenol (in), sodium carbonate (in), 1273
– – styrene (in), 4088
– – thiuram (in), 1239
– – triacetatenitrilo– (in), 3335
– – zinc (in), 2106
Water, *see also* Moisture
– adsorption (on) glasses, 2499
– – – mercury, 373
– – – metals, 2499
– ammonia (in), 4259
– ammonium (in), 1293, 2245, 3190, 3887
– amperometric, 1240
– arsenic (in), 5199
– autoprotolysis, 4135
– (in) benzene, coulometric, solubility, 1607
– bromide (in), 5394
– cadmium (in), 1033, 2007, 4019, 4211
– calcium (in), 3235, 4202
– cathodic behavior (*l*), 122
– chloride (in), 2329, 4202, 5386, 5387

Water, chronopotentiometric, 4749 ; (*l*) 122
– conductometric, 1000
– – review, 2388
– copper (in), 1033, 1130, 4019
– coulometric, 110, 722, 1608, 2499, 4931
– deionized, purity, conductometric, 999
– demineralization, 4759
– diffusion, 4749
– – (through) membrane anion exchange, 591
– electric tension *vs.* pH diagram, computerization, 4134
– electrodialytic, 3959, 4759
– – review, 5877
– electrolytic, 110, 1864, 2446
– fluoride (in), 5887
– glass, conductometric, 3396
– (in) gases, amperometric, 3151
– ionic product, 4220
– ionization, 1262, 1263, 4136
– (in) iron ores, (by) capacitance measurement, 1008
– lead (in), 1033, 2007
– magnesium (in), 5287
– (in) membranes ion-exchange, conductometric, 2391
– mobility, conductometric, 592
– muchochloric acid (in), 5164
– Nemagon (in), 3104
– nickel (in), 1033, 4019
– nitrate (in), 4262
– oscillometric, 2389
– oxygen (in), 731, 1012, 1971, 2962, 3888, 4272, 4777, 4808, 5320
– (in) petroleum, amperometric, 1241
– phosphate (in), 3754, 4266
– polyanions (in), 3170
– potentiometric, 1262, 1263, 2229, 4136, 4220
– purification, 2792
– quality, amperometric, 100
– radiolysis, coulometric, 1608
– reaction (with) benzene nitro–, polarographic, 2097
– – – Karl Fisher reagent, potentiometric, 5216
– – – silver, voltammetric, 2909
– redox electric tension 5215
– (by) resonance current measurement, 2389
– structure, 6
– sulfate (in), 2317
– sulfide (in), 5280
– thermodynamics, 1262 ; (*l*) 122
– tin (in), 2951
– (in) titanium oxide, conductometric, 5479
– transport, 2229
– triacetic acid nitrilo– (in), 2160
– vapor, ammonia (in), 1954
– – electrolysis cell, operation, theory, 3850
– voltammetric (*l*), 122
– Washburn numbers, 2229
– zinc (in), 1033, 4019
– complexes, potentiometric, 403
– dioxane, surface electric tension, 403
Water ethanol, potentiometric, transport numbers, Washburn numbers, 1266
– ethane, Volta electric tension, 869
– iron electric tension *vs.* pH diagram, 1265
– mercury interface, thermodynamics, 4741
– methanol, potentiometric, transport numbers, Washburn numbers, 1266
– oxide interface, charge distribution, electric tension 4889
– sulfur, electric tension *vs.* pH diagram, 1264
– sulfuric acid, electrochemical behavior, 2800
– surface, oxygen (in), 4778
– titanium (IV) oxide interface, proteolytic behavior, 1368
– triethylamine, phase separation, conductometric, 2390
Wine, ascorbic acid (in), 1389
– carbon dioxide (in), 993, 2290
– acidity, conductance, oxygen (in), 993
– potentiometric, 2384
– redox electric tension, 993
– reductones (in), 1389
– sulfur (IV) oxide (in), 1389
Wood, acidity, 5219
Wool, cysteine (in), 1259
– cystine (in), 1259
– disulfide (in), 1259
– thiols (in), 1259
Wurster, blue radical, conductometric (*s*), 2437
Wustite, anodic behavior, 1819
– oxygen (in), 1382
– potentiometric, 5403

Xanthate, cathodic behavior, 5058
– (in) ores, potentiometric, 5436
– platinum poisoner, 1072
– polarographic, 5058
– potentiometric, 1464
– voltammetric, 1072, 5058
– derivatives, cathodic behavior, polarographic, voltammetric, 5058
Xanthine, anodic behavior, review, 718
– (in) milk, polarographic, 1228
– dehydrogenase, *Drosophila*, electrophoretic, 5783
– oxidase, activity, (in) milk, polarographic, 1228
Xanthylium methyl–, cathodic behavior, polarographic, 4100
– methylthio–, cathodic behavior, polarographic, 4100
Xanthogenate complexes, polarographic, 3062
Xylene, *see also* Benzene dimethyl–
– conductometric, 3450
– solvent (for) conductometry, 1528
– – – electrophoresis, 2514
– complexes, anodic behavior, voltammetric, 3969
Xylidinium, acidity, potentiometric, thermodynamics, 4331

Xylitan, acidity, conductometric, 1544
Xylose, mutarotation, polarographic, 323, 4087
– complexes, potentiometric, stability, 2272

Ytterbium (III), amperometric, 388
– anodic behavior, 3771
– (III) (in) organometallics, potentiometric, 2283
– – complexes, conductometric, 3427, 5523, 5528
– – – electrophoretic, 750, 2250, 5967
– – – potentiometric, 479, 1348, 2250, 2287, 4238, 4239, 4244
– – – stability, 479, 750, 1348, 2250, 2287, 4238, 4239, 4244, 5523
– complexes, thermodynamics, 4239, 4244
– hexaboride, conductometric (*s*), 2421
– oxide, voltammetric (*l*), 4977
– perchlorate complexes, conductometric, 4425
– thiocyanate complexes, conductometric, 5524
– zinc, corrosion, 4816
Yttrium (III), amperometric, 3153
– anodic behavior, 3771
– (III), coulometric, 478
– – electrophoretic, 945, 5696
– – hydrolysis, 478
– isotopes, electrophoretic, 4586
– – separation, electrophoretic, 5559
– (III), potentiometric, 478
– aluminum, electrolytic (*l*), 3483
– chloride complexes, conductometric, 5524
– (III) complexes, electrophoretic, 750
– – – formation, 2285
– – – potentiometric, 479, 1349, 2285, 3254, 4235, 5294, 5322, 5325
– – – stability, 479, 750, 1349, 3254, 5294, 5322, 5325
– – – thermodynamics, 5322
– fluoride, conductometric (*s*), 3425
– magnesium, electrolytic (*l*), 3483
– oxide, irradiated, conductometric (*s*), 5522
– – hafnium oxide, conductometric (*s*), 4421
– – thorium oxide, electrolyte (for) potentiometry (*s*), 512
– – zirconium oxide, admittance, 3766
– – – – conductometric (*s*), 4420
– – – – permeability, potentiometric (*s*), 2309
– perchlorate complexes, conductometric, 4425
– thiocyanate complexes, conductometric, 5524
– tungstate, conductometric, potentiometric, 4233
– zinc, corrosion, 4816
– – potentiometric (*l*), 3240

Zeolytes, activation energy, 1487
– conductometric, 1487, 2386, 2387
Zero charge point, errors, 4848
– – – technique, 2221
– – – theory, 3858, 3859
– – – (by) time–of–control contact technique, 3229
Zeta electric tension, instrumentation, 1006, 3901
Zhabotinsky reaction, potentiometric, 3341
Zinc adsorption (on), 64, 5831
– – – platinum platinized, 1742
– (II), amperometric, 1247, 3154, 3829, 4115
– anodic behavior, 1030, 1808, 1851, 1899, 2004, 2005, 3484, 3923, 3936, 3937, 4492, 4751 ; (*l*) 2930
– – – theory, 1914
– (in) biological systems, stripping, 1034
– – bone, polarographic, 5089
– (II), cathodic behavior, 284, 1141, 1891, 2099, 3919, 3936, 4025, 4026, 4862, 5892
– (in) chromium, polarographic, 5098
– chronoamperometric, 4751
– chronopotentiometric, 882, 4751
– (II), chronopotentiometric (*l*), 825
– – conductometric (*l*), 3421
– coulometric, 162
– corrosion, 882, 3938, 5949 ; (*l*) 2930
– – inhibition, 2779, 4815
– (II), diffusion (*l*), 825, 3480
– displacement reaction (with) cadmium chloride, potentiometric, 3239
– electric tension *vs.* pH equilibrium diagram, 1327
– electrocrystallization, 679, 1567, 1568, 2454, 4491, 5601
– – theory, 1914
– electrode, amalgamated, capacitance differential, 1774
– – cathodic behavior, 843
– – capacitance, 815, 816, 2723, 5848
– – – differential, 1773, 2722, 5831
– – double layer, 1773
– – galvanostatic, 2723
– – impedance, 815, 843
– (II), electrode non aqueous, 4173
– electrode, overtension (on), 1980
– – passivation, 2723
– – potentiostatic, 2723
– – resistance, 815
– – voltammetric, 1044, 3938
– electrodeposition, 162, 680, 3935, 3936, 4491, 5598, 5599, 5600
– (II), electrodialytic, 2735
– electrolytic, 3484, 4493
– (II), electrolytic, 164, 680 ; (*l*) 3480
– – electron transfer rate, 2748
– electron work function, 3867
– (II), electrophoretic (*l*), 5691
– electroplating, 5975
– electrorefining (*l*), 4493
– (in) fertilizers, polarographic, 4039
– – food, polarographic, 4021
– – gallium antimonide, polarographic, 5097
– indium (in), 2121
– lead (in), 2028

Zinc (in) milk, polarographic, 5088
– – organoderivatives, voltammetric, 153
– passivation, 3935
– photoelectric tension, 2003
– (in) plants, chronopotentiometric, 4752, 5862
– – – stripping, 1996
– polarographic, 275, 1899, 2101, 4018
– (II), polarographic, 284, 1134, 1141, 2099, 2831, 3055, 4023, 4025, 4026, 4862, 5098
– – potentiometric, 435, 1329, 3195
– (in) sea water, stripping, 3939
– – sewages, stripping, 3924
– (in) silver halide, polarographic, 4022
– (in) soil, chronopotentiometric, 1783, 4752
– – – polarographic, 2104
– – – stripping, 2006
– stripping, 149, 162, 1031, 1032
– (in) superphosphate, polarographic, 5096
– trace analysis, 149, 1031, 1032, 2101, 4018, 4022
– (II), transport numbers (*l*), 5691
– voltammetric, 153, 1030, 1891, 2003, 2004, 3923, 3935, 3936, 3937, 4963, 5949
– (II), voltammetric, 149, 164, 907, 1891, 2922, 2932, 3919, 3936 ; (*l*) 2942
– (in) waste water, polarographic, 2106
– – water, polarographic, 1033, 4019
– zero-charge point, 3867, 4963, 5848
– air, fuel cell, 5936
– alloys, electrodeposition, review, 4475
– amalgam, adsorption (on), 1784
– – anodic behavior, 827, 5959
– – chronoamperometric, 3748
– – chronopotentiometric, 827
– – corrosion, 5950
– – electrode kinetics, 1937
– – galvanostatic, 1792
– – zinc (II) electrode charge transfer, chronopotentiometric, galvanostatic, 1784
– cerium, corrosion, 4816
– (II) chloride, conductometric (*l*), 629
– – – electroosmotic, 4763
– – – potentiometric, 1328
– – – solvent (for) electrophoresis (*l*), 1615
– – – aluminum chloride potassium chloride, potentiometric (*l*), 5241
– – – indium (I) chloride sodium chloride, solvent (for) potentiometry, 3268
– – – lead (II) chloride, conductometric (*l*), 4411, 5515
– – – tin (II) chloride, conductometric (*l*), 4411, 5515
– – – – – – electrophoretic, transport numbers (*l*), 5692
– – complexes, cathodic behavior, 2112, 2113, 3050, 3056, 4032, 4034, 5092, 5099, 5101
– – – conductometric, 436, 619, 627, 628, 1516, 1522, 2415, 2419, 3930, 4412, 5300, 5516
– – – electrophoretic, 1616, 2250, 5264
– – – formation, 489, 4183, 5263, 5890
– – – ionization, 1522
Zinc (II) complexes, polarographic, 1141, 1142, 2112, 2113, 3047, 3050, 3056, 4032, 4034, 5092, 5093, 5095, 5099, 5100, 5101
– – – potentiometric, 436, 439, 442, 463, 464, 1301, 1302, 1307, 1308, 1317, 1320, 2250, 3198, 3199, 3201, 3203, 3209, 3241, 4174, 4175, 4178, 4179, 4180, 4181, 4182, 4183, 4184, 4189, 4207, 4208, 4209, 4210, 5258, 5260, 5261, 5263, 5264, 5266, 5268, 5272, 5273, 5274, 5275, 5289, 5298, 5299, 5300, 5301, 5304
– – – stability, 436, 439, 463, 464, 1142, 1301, 1307, 1308, 1309, 1317, 1330, 2112, 2250, 3198, 3199, 3201, 3203, 3209, 3241, 4175, 4178, 4179, 4180, 4181, 4182, 4184, 4199, 4207, 4208, 4209, 4210, 5258, 5260, 5261, 5266, 5268, 5272, 5273, 5274, 5275, 5289, 5299, 5301
– – – thermodynamics, 442, 1302, 3056, 4174, 4178
– – – voltammetric, 3930
– copper, electrodeposition, 141, 142
– – amalgam, anodic behavior, voltammetric, 4965
– – lead, corrosion, 5946
– (II) dialkyldithiocarbamates, anodic behavior, 3929
– – – oxidation inhibitors, polarographic, 4031
– – – voltammetric, 3929
– – dithizonate, voltammetric, 4978
– dysprosium, corrosion, 4816
– erbium, corrosion, 4816
– ferrite, electrophoretic, 4585
– fluoride, cathode (for) battery, 1842
– – propylene carbonate– lithium battery, 1842
– gallium, potentiometric, thermodynamics (*l*), 5296
– (II) hydroxide, solubility, 4115
– indium lead, potentiometric, thermodynamics (*l*), 462
– (II) iodide cadmium iodide, conductometric (*l*), 5514
– – – mercury (II) iodide, conductometric (*l*), 5514
– lanthanum, corrosion, 4816
– lithium, potentiometric, thermodynamics (*l*), 5230
– mangnanese, anodic behavior, voltammetric (*l*), 163
– – amalgam, anodic behavior, voltammetric, 4976
– – (IV) oxide battery, 2777
– metaphosphate, conductometric (*l*), 602
– neodymium, corrosion, 4816
– (II) oxide, anodic behavior, 859
– – – cathodic behavior, 5910
– – – electrode, S.E.T., 2005
– – – electrons transfer (in), 1859
– – – electrophoretic, 1618
– – – photocurrent, 857
– – – photoelectrochemistry, 858, 859, 5910
– – – tunneling currents, 1859

Zinc (II) oxide, voltammetric (*l*), 4977
– – – zeta electric tension, 1618
– – – aluminum photogalvanic cell, 2776
– – – complexes, conductometric, 5488
– oxygen cell, 3791
– (II) perchlorate, polarographic, voltammetric, 4017
– samarium corrosion, 4816
– sulfate, electroosmotic, 4763
– – potentiometric, 4151
– thorium, potentiometric, thermodynamics (*l*), 5297
– tin, double layer, 3741
– ytterbium, corrosion, 4816
– yttrium, corrosion, 4816
– – potentiometric (*l*), 3240
– (II) zinc amalgam electrode, charge transfer, chronopotentiometric, galvanostatic, 1784
Zincate, diffusion, 2723
– electrolytic, 162
– polarographic, 2723
Zirconium (IV), *see also* Zirconyl (II)
– anodic behavior, 2736, 2742, 3778 ; (*s*) 1369
– electrode impedance, 2742
– electrodeposition, 682 ; (*l*) 4506
– electrodialytic, 5878
– oxide neodymium oxide, conductometric (*s*), 4424
– (IV), electrophoretic, 1619
– – electrolytic (*l*), 4506
– galvanostatic, 2736
– (IV), hydrolysis, 496
– potentiometric (*s*), 1369
– (IV), potentiometric, 496
– potentiostatic, 3778
– (IV), reaction (with) ethylene diamine substituted complexes, electrophoretic, 2515
– – – – pentaacetic acid substituted complexes, electrophoretic, 2515
– carbide, conductometric, thermoelectric tension (*s*), 3437
– chloride, conductometric (*s*), 646
– – sulfur (in), 4057
– (IV) complexes, electromigration, 5880
Zirconium (IV) complexes, electrophoretic, 1370
– – – potentiometric, 497, 498, 1370, 3274, 3275, 4256, 5340
– – – stability, 497, 498, 3274, 3275, 4256, 5880
– – – thermodynamics, 498
– fluoride beryllium fluoride lithium fluoride solvent (for) chronoamperometry (*l*), 187
– – – – – – – – chronopotentiometry (*l*), 187, 5405
– – – – – – – – potentiometry (*l*), 187, 5405
– – – – – – – – voltammetry (*l*), 187, 5021, 5405
– oxide, conductometric (*s*), 4420
– – point defects, redox electric tension (*s*), 2296
– – potentiometric, thermodynamics (*s*), 4255
– – calcium oxide, conductometric (*s*), 625, 4975
– – – – electrolyte (for) galvanic cell (*s*), 5359
– – – – electrolytes (for) potentiometry (*s*), 512
– – – – oxygen transport (in), potentiometric, voltammetric (*s*), 4975
– – – – nickel (II) oxide, conductometric (*s*), 3418
– – – – scandium oxide, conductometric (*s*), 4409
– – cerium (IV) oxide, conductometric, 3429
– – molybdenum, conductometric (*s*), 4417
– – scandium oxide, potentiometric, thermoelectric tension (*s*), 2284
– – yttrium oxide, admittance, 3766
– – – – conductometric (*s*), 4420
– – – – oxygen permeability, potentiometric (*s*), 2309
Zirconyl (II), *see also* Zirconium (IV)
– – complexes, amperometric, 5197
– – – conductometric, 3439, 5197
– – – potentiometric, 3275, 5197
– – – solvation, 3439
– – – stability, 3275

Symbols Utilized in "Electroanalytical Abstracts"

For the sake of consistency and for a better immediate understanding these symbols have been used throughout the abstracts even when authors have employed other symbols for the same quantity.

Latin Alphabet

a	activity
a.c.	alternating current
A	ampere, area
A	affinity
AN	acetonitrile
c	centi $= 10^{-2}$
c	concentration, mol / liter
C	degree Celsius ; coulomb
C	capacitance
cal	calorie
c.d.	current density
d	deci $= 10^{-1}$; exact differential
d	density, relative
D	diffusion coefficient
d.c.	direct current
dm^3	cubic decimeter = liter
D.M.E.	dropping mercury electrode
DMF	dimethylformamide
DMSO	dimethylsulfoxide
e^-	electron
e	base of natural logarithm
eq	equivalent
E.S.R.	electron spin resonance
E.U.	entropy units
eV	electronvolt
f	activity coefficient (mole fraction scale)
F	faraday (96.500 C); formal; free energy (Helmholtz)* ; melting point
(*g*)	gas
g	gram
G	free enthalpy (Gibbs free energy)
h	hour
H.M.D.E.	hanging mercury drop electrode
H.W.E.T.	half-wave electric tension (polarographic)
Hz	hertz
H	enthalpy
I	current intensity ; ionic strength
I_0	exchange current intensity
I.R.	infrared
j	current density
J	joule
k	kilo $= 10^3$
k	Boltzmann's constant, rate constant
K	degree absolute
K	equilibrium constant
l	length
(*l*)	liquid
L	solubility product
m	milli $= 10^{-3}$; meter
m	molality (moles $\times$ kg^{-1} solvent)*
M	mega $= 10^6$
min	minute
mol	mole (quantity of substance)
(*m.s.*)	molten system
n	nano $= 10^{-9}$
n	number of moles ; number of faradays
N	normality (equivalents $\times$ dm^{-3})
N.M.R.	nuclear magnetic resonance
p	pressure
p.p.m.	part per million
Q	quantity of electricity ; indentation (oscillopolarography)
r	radius
R	gas constant ; resistance
R.D.E.	rotating disc electrode
R_f	chromatographic constant
r.p.m.	revolutions per minute
s	second
(*s*)	solid
S	entropy ; solubility ; surface
S.C.E.	saturated calomel electrode
S.E.T.	standard electric tension
S.H.E.	standard hydrogen electrode
(*sol*)	solution
t	temperature Celsius ; time ; transference number
T	temperature absolute
Torr	= 1 mm Hg pressure
U	electric tension of a galvanic cell, or of an electrode (electrode potential following Stockholm convention)
U.V.	ultraviolet
V	volt
V	electric tension in general, volume
vs.	*versus*
w	weight ; work
W	watt
x	mole fraction
z	charge number of an ion
Z	impedance

Greek Alphabet

α	degree of dissociation ; transfer coefficient
γ	activity coefficient (molality scale)
∂	partial differential
ε	dielectric constant
ζ	overtension ; viscosity
η	electrokinetic tension
$\varkappa$	conductivity (specific conductance)
λ	equivalent ionic doncuctance ; wavelength
Λ	equivalent conductance of an electrolyte
μ	chemical potential; micro$=10^{-6}$
$\tilde{\mu}$	electrochemical potential
ν	frequency ; stoichiometric reaction coefficient
ϱ	resistivity (specific resistance) density absolute
τ	transition time
Φ	internal electric potential of a phase
ψ	external electric potential of a phase potential in general
Ω	ohm

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* Attention is called to the circumstance that it is not always clear in the original papers whether authors mean with the symbols F free energy or free enthalpy, and with the symbols m really molality or molarity (moles $\times$ dm^{-3} solution).

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